Wizard variant description

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Background

The Parameter Setting Tool contains a wizard for setting the parameters in the function or drive units. This is started with the *Change Node* or the *New Node* command, from the *Edit* menu. When all questions in the wizard are answered the software send down the corresponding parameter settings to the unit. To see exactly which parameter set it is the *Advance mode* is used, from the *Tools* menu. Interlock is not affecting by the different variants and is excluded from this article. The Function group and Function variant are underlying variant parameters controlling all other variant parameters. The Function group is decided when the user chooses the type of the unit. The Function variant is a sub group based on the exact control type. After the unit is updated with the wizard the settings can be fine tuned from the Parameter Setting Tool. These can also be read or written from a line controller if CANopen, DeviceNet, Ethernet/IP or Profinet is chosen. All possible options in the wizard are described in different chapters below.

## User Defined

- **Function group: 0**
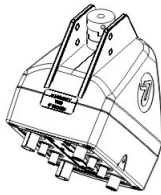
- **Function variant: 0**
- **A-Bus protocol: Optional**
- **Enable-Reset: Optional**
- **Control: Optional**
- **Variant: Optional**

This variant could be used for setting the Function group and function variant to a value not connected to any specific functionality. The user could set the Function Parameter 1-4 to any value. It is possible to set this variant in the Wizard or from the Advanced mode. The Function Parameters has to be set in Advanced mode.

Drive motor, Right

- **Function group: 1**
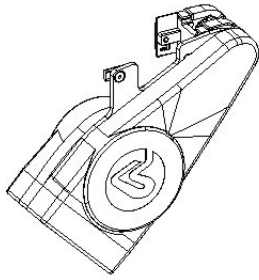
- **Function variant: 1**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via CANopen. Alarm resets on reset bit via CANopen. Speed setpoint can be sent via CANopen (Line controller) or PST.

- **Function variant: 2**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via DeviceNet. Alarm resets on reset bit via DeviceNet. Speed setpoint can be sent via DeviceNet (Line controller) or PST.

- **Function variant: 3**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor starts when power is on. Alarm resets when reboot. Sensor DI1 is increasing speed setpoint. Sensor DI2 is decreasing speed setpoint. When sensor DI3 is active Speed setpoint 2 is activated. When Speed setpoint 2 is activated DI1 and DI2 are tuning speed setpoint 2.

- **Function variant: 145**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Limit switch**

Motor starts when power is on. Alarm resets when reboot. The conveyor is running with speed setpoint 1 until Sensor DI3 is triggered. Then it stops for the limit switch wait delay before it starts with speed setpoint 2 (should be set to reverse direction). Then it stops by DI4 when it waits and starts over with setpoint 1 again. Sensor DI1 is increasing the currently activated speed setpoint. Sensor DI2 is decreasing the currently activated speed setpoint.

- **Function variant: 289**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor OS**

Motor starts when power is on. Alarm resets when reboot. When sensor DI4 is active motor stops after interlock on delay . When sensor DI3 is active instead motor starts after interlock off delay. The conveyor is running with speed setpoint 1.

- **Function variant: 171**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
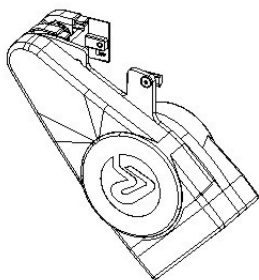- **Variant: No Choice**

Motor starts when enable bit is sent via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Speed setpoint can be sent via Ethernet/IP (Line controller) or PST.

- **Function variant: 172**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via Profinet. Alarm resets on reset bit via Profinet. Speed setpoint can be sent via Profinet (Line controller) or PST.

Drive motor, Left

- **Function group: 2**

- **Function variant: 4**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via CANopen. Alarm resets on reset bit via CANopen. Speed setpoint can be sent via CANopen (Line controller) or PST.

- **Function variant: 5**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via DeviceNet. Alarm resets on reset bit via DeviceNet. Speed setpoint can be sent via DeviceNet (Line controller) or PST.

- **Function variant: 6**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor starts when power is on. Alarm resets when reboot. Sensor DI1 is increasing speed setpoint. Sensor DI2 is decreasing speed setpoint. When sensor DI3 is active Speed setpoint 2 is activated. When Speed setpoint 2 is activated DI1 and DI2 are tuning speed setpoint 2.

- **Function variant: 146**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Limit switch**

Motor starts when power is on. Alarm resets when reboot. The conveyor is running with speed setpoint 1 until Sensor DI3 is triggered. Then it stops for the limit switch wait delay before it starts with speed setpoint 2 (should be set to reverse direction). Then it stops by DI4 when it waits and starts over with setpoint 1 again. Sensor DI1 is increasing the currently activated speed setpoint. Sensor DI2 is decreasing the currently activated speed setpoint.

- **Function variant: 290**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor OS**

Motor starts when power is on. Alarm resets when reboot. When sensor DI4 is active motor stops after interlock on delay. When sensor DI3 is active instead motor starts after interlock off delay. The conveyor is running with speed setpoint 1.

- **Function variant: 173**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Speed setpoint can be sent via Ethernet/IP (Line controller) or PST.
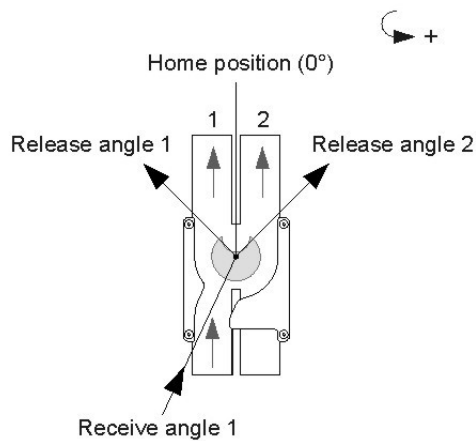
- **Function variant: 174**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No Choice**

Motor starts when enable bit is sent via Profinet. Alarm resets on reset bit via Profinet. Speed setpoint can be sent via Profinet (Line controller) or PST.

Diverter parallel, Right

- **Function group: 3**

- **Function variant: 7**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 8**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 9**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 10**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 11**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 12**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 13**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 14**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 15**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 16**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 17**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled when power is on. Alarm resets when reboot. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 18**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 19**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 175**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 176**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 177**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 178**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 179**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 180**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 181**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 182**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 183**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 184**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 294**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 295**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 296**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 297**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

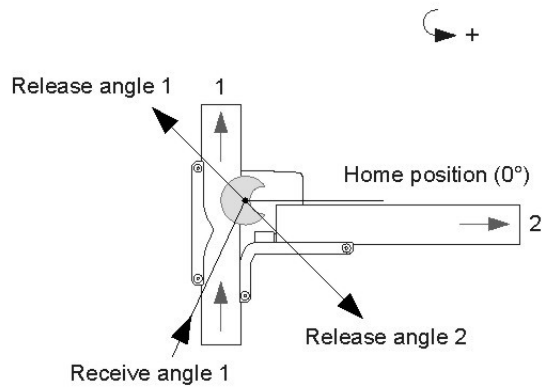- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

Diverter 90, Right

- **Function group: 4**

- **Function variant: 20**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 21**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 22**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 23**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 24**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 25**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 26**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 27**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 28**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 29**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- Release to conveyor 1 or *Release to conveyor 2*

- **Function variant: 30**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled when power is on. Alarm resets when reboot. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 31**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 32**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 185**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 186**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 187**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 188**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 189**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 190**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 191**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 192**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 193**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- Receive from conveyor 1 and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 194**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- Release to conveyor 1 or *Release to conveyor 2*

- **Function variant: 298**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- Receive from conveyor 1 and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 299**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 300**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 301**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

Diverter Parallel, Left

- **Function group: 5**
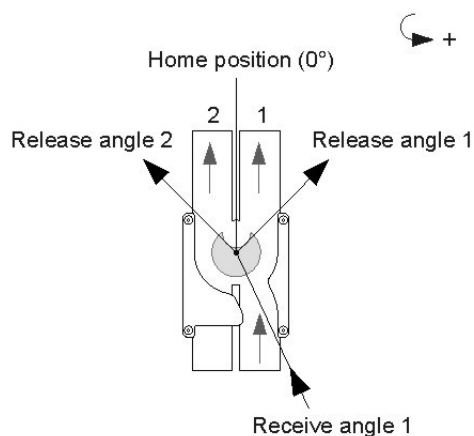
- **Function variant: 33**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**

- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via CANopen. Alarm resets on reset bit via CANOpen. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 34**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 35**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 36**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc moves to wait position (closed). Waiting for PLC command:

- Receive from conveyor 1 and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 37**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc waits at Receive angle 1. Waiting for PLC command:

- Release to conveyor 1 or *Release to conveyor 2*

- **Function variant: 38**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 39**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 40**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 41**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 42**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 43**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled when power is on. Alarm resets when reboot. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 44**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 45**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 195**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 196**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 197**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 198**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**

- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 199**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 200**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 201**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 202**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 203**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 204**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 302**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 303**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 304**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions
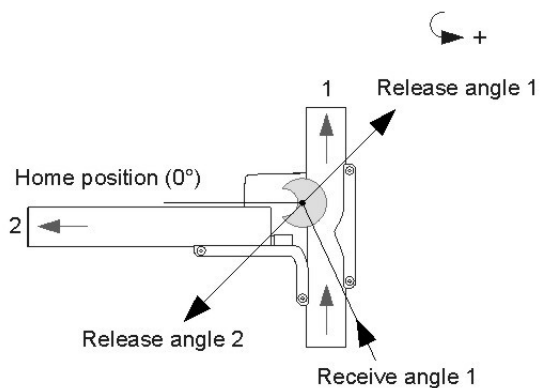
- **Function variant: 305**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, PLC only**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- Release to conveyor 1 or Release to conveyor 2

Diverter 90, Left

- **Function group: 6**

- **Function variant: 46**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: 1/1**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 47**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 48**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 49**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 50**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 51**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 52**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 53**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**

- **Variant: Inverted sensor**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 54**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1)*

This variant is recommended for RFID functions

- **Function variant: 55**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 56**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled when power is on. Alarm resets when reboot. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 57**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 58**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled when power is on. Alarm resets when reboot. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if

DI2 activated.

- **Function variant: 205**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 206**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 207**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 208**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 209**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 210**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: 1/1**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts one puck to conveyor 1 and then one to conveyor 2.

- **Function variant: 211**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is activated or to conveyor 2 if DI2 is not activated.

- **Function variant: 212**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: Inverted sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Diverts to conveyor 1 if DI2 is not activated or to conveyor 2 if DI2 activated.

- **Function variant: 213**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 214**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 306**
- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 307**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc waits at Receive angle 1. Waiting for PLC command:

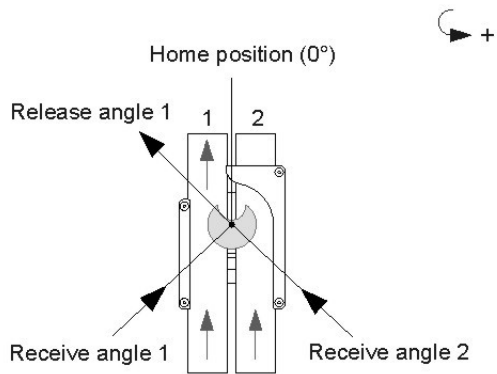- *Release to conveyor 1* or *Release to conveyor 2*

- **Function variant: 360**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc moves to wait position (closed). Waiting for PLC command:

- *Receive from conveyor 1* and (*Release to conveyor 2* or *Release to conveyor 1*)

This variant is recommended for RFID functions

- **Function variant: 361**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc waits at Receive angle 1. Waiting for PLC command:

- *Release to conveyor 1* or *Release to conveyor 2*

Merger parallel, Right

- **Function group: 7**

- **Function variant: 59**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. First In First Out, FIFO

- **Function variant: 60**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 61**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. First In First Out, FIFO

- **Function variant: 62**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 63**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. First In First Out, FIFO

- **Function variant: 215**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. First In First Out, FIFO

- **Function variant: 216**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 217**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. First In First Out, FIFO

- **Function variant: 218**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 308**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 309**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
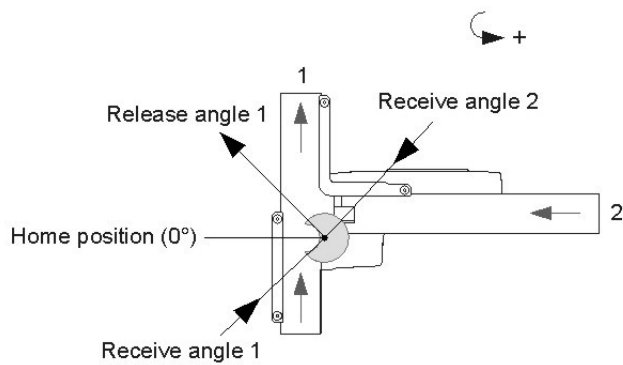- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

Merger 90, Right

- **Function group: 8**

- **Function variant: 64**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. First In First Out, FIFO

- **Function variant: 65**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 66**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. First In First Out, FIFO

- **Function variant: 67**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 68**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. First In First Out, FIFO

- **Function variant: 219**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. First In First Out, FIFO

- **Function variant: 220**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 221**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**

- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. First In First Out, FIFO

- **Function variant: 222**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 310**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

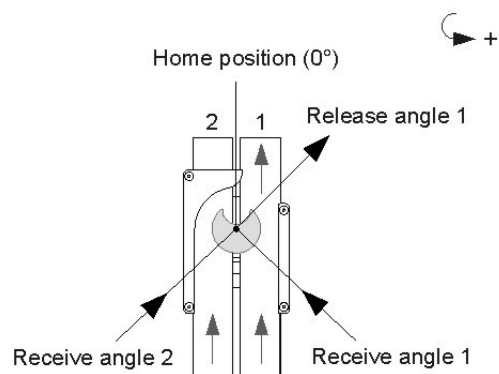*- Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 311**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

Merger parallel, Left

- **Function group: 9**

- **Function variant: 69**

- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. First In First Out, FIFO

- **Function variant: 70**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 71**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. First In First Out, FIFO

- **Function variant: 72**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 73**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. First In First Out, FIFO

- **Function variant: 223**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. First In First Out, FIFO

- **Function variant: 224**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 225**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. First In First Out, FIFO

- **Function variant: 226**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 312**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

- **Function variant: 313**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
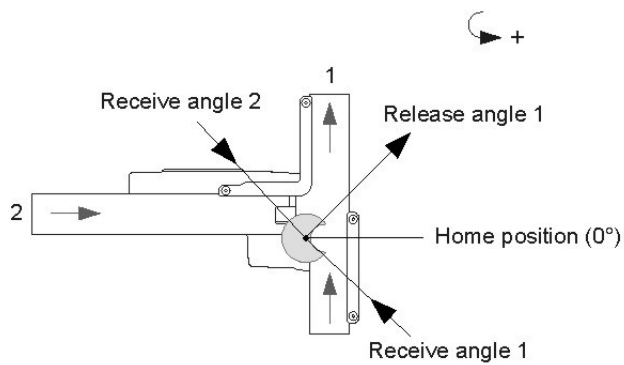- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- Receive from conveyor 1 or *Receive from conveyor 2*

Merger 90, Left

- **Function group: 10**

- **Function variant: 74**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. First In First Out, FIFO

- **Function variant: 75**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 76**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Autonomous**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. First In First Out, FIFO

- **Function variant: 77**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 78**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. First In First Out, FIFO

- **Function variant: 227**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. First In First Out, FIFO

- **Function variant: 228**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 229**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. First In First Out, FIFO

- **Function variant: 230**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 314**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

- **Function variant: 315**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

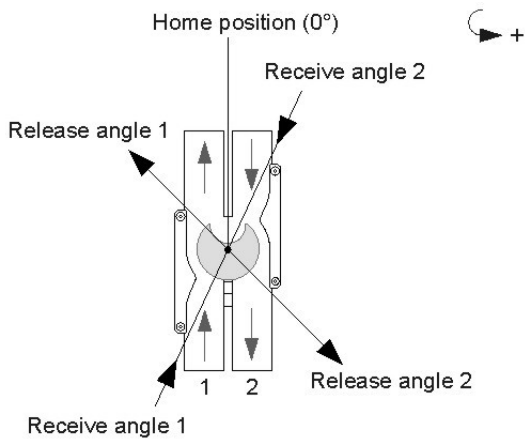- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- *Receive from conveyor 1* or *Receive from conveyor 2*

Combined Merger / Diverter parallel, Right

- **Function group: 11**

- **Function variant: 79**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2*) and (*Release to conveyor 1* or *Release to conveyor 2*)

- **Function variant: 80**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2*) and (*Release to conveyor 1* or *Release to conveyor 2*)

- **Function variant: 81**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. Pucks from conveyor 1 is returned on conveyor 2. Pucks from conveyor 2 is returned on conveyor 1.

- **Function variant: 231**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 232**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 316**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*
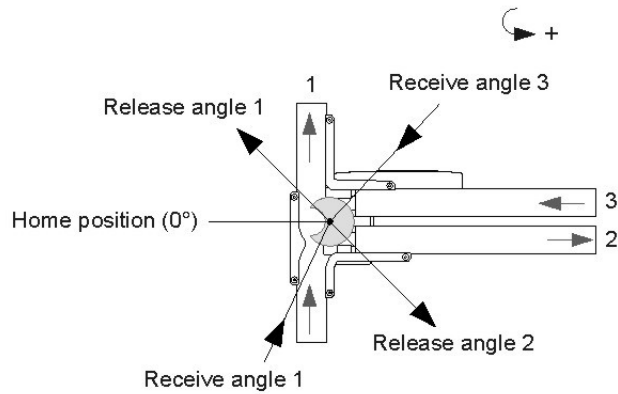
- **Function variant: 317**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

Combined Merger / Diverter 90, Right

- **Function group: 12**

- **Function variant: 82**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 83**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 84**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. Pucks from conveyor 1 is returned on conveyor 2. Pucks from conveyor 3 is returned on conveyor 1.

- **Function variant: 233**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 234**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 318**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 319**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

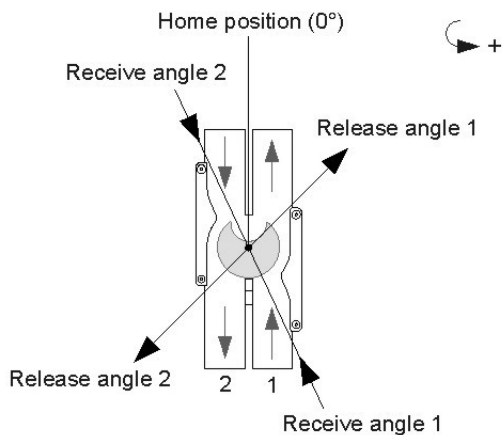- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

Combined Merger / Diverter parallel, Left

- **Function group: 13**

- **Function variant: 85**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 86**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 87**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. Pucks from conveyor 1 is returned on conveyor 2. Pucks from conveyor 2 is returned on conveyor 1.

- **Function variant: 235**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 236**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 320**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 321**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
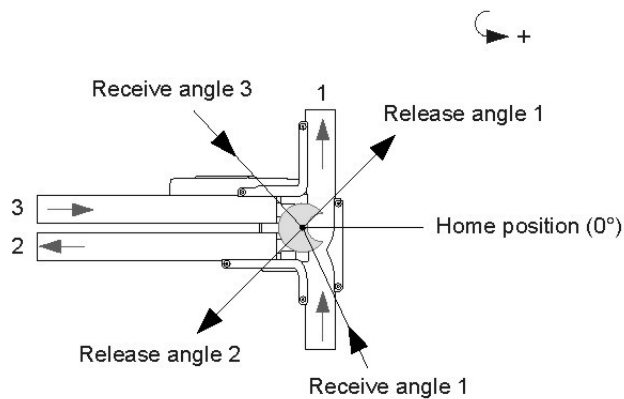- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 2)* and (*Release to conveyor 1* or *Release to conveyor 2)*

Combined Merger / Diverter 90, Left

- **Function group: 14**

- **Function variant: 88**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 89**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3)* and (*Release to conveyor 1* or *Release to conveyor 2)*

- **Function variant: 90**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: No choice**

Motor is enabled when power is on. Alarm resets when reboot. Pucks from conveyor 1 is returned on conveyor 2. Pucks from conveyor 3 is returned on conveyor 1.

- **Function variant: 237**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3*) and (*Release to conveyor 1* or *Release to conveyor 2*)

- **Function variant: 238**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3*) and (*Release to conveyor 1* or *Release to conveyor 2*)

- **Function variant: 322**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3*) and (*Release to conveyor 1* or *Release to conveyor 2*)

- **Function variant: 323**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
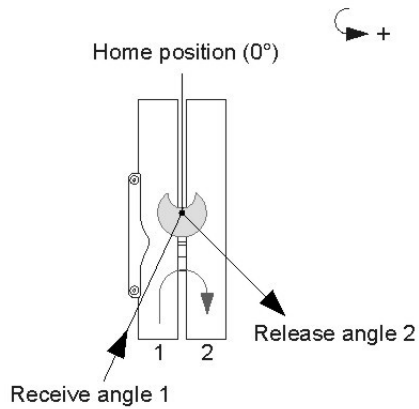- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Waiting for PLC command:

- (*Receive from conveyor 1* or *Receive from conveyor 3*) and (*Release to conveyor 1* or *Release to conveyor 2*)

Transfer 180, Right

- **Function group: 15**

- **Function variant: 91**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 92**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 93**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 2. Guide disc will automatically move to Receive angle 1 if not Interlock is active. Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 239**
- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 240**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 324**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 2

- **Function variant: 325**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**
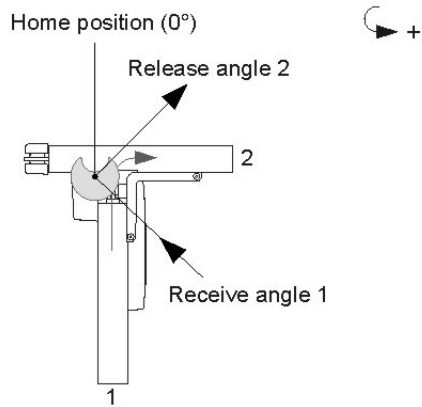
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 2

Transfer 90, Right

- **Function group: 16**

- **Function variant: 94**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 95**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 96**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 2. Guide disc will automatically move to Receive angle 1 if not Interlock is active. Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 241**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 242**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 326**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 2

- **Function variant: 327**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command
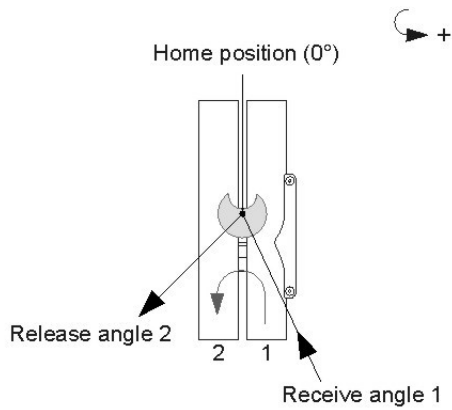
- Receive from conveyor 1

PLC is triggering movement to Release angle 2

Transfer 180, Left

- **Function group: 17**

Home position (0°)

Release angle 2

Receive angle 1

- **Function variant: 97**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 98**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 99**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 2. Guide disc will automatically move to Receive angle 1 if not Interlock is active. Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 243**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 244**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 328**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 2

- **Function variant: 329**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command
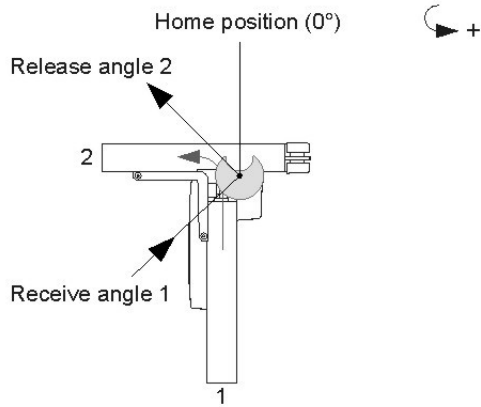
- Receive from conveyor 1

PLC is triggering movement to Release angle 2

Transfer 90, Left

- **Function group: 18**

Home position (0°)

Release angle 2

Receive angle 1

- **Function variant: 100**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 101**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 102**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 2. Guide disc will automatically move to Receive angle 1 if not Interlock is active. Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 245**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 246**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 2

- **Function variant: 330**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 2. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 2

- **Function variant: 331**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 2. Waiting for PLC command
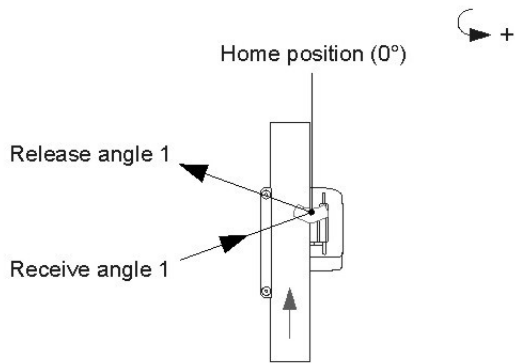
- Receive from conveyor 1

PLC is triggering movement to Release angle 2

Stop unit, Right

- **Function group: 19**

- **Function variant: 139**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- *Receive from conveyor 1* (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 103**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- *Receive from conveyor 1*

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 140**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- *Receive from conveyor 1* (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 104**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 141**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Normally closed**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc waits at Release angle 1. Sensor DI1 is triggering movement to Receive angle 1 (if no interlock). Guide disc is automatically moved to Release to angle 1

- **Function variant: 105**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 1. Guide disc is automatically moved to Receive angle 1 (if no interlock). Sensor DI1 is triggering movement to Release angle 1.

- **Function variant: 247**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 248**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC

command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 249**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 250**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 332**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Guide disc is automatically moved back to Release angle 1.

- **Function variant: 333**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 1.

- **Function variant: 334**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Guide disc is automatically moved back to Release angle 1.

- **Function variant: 335**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**
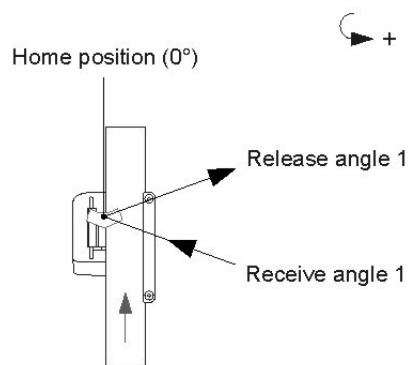
- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 1.

Stop unit, Left

- **Function group: 20**

- **Function variant: 142**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 106**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 143**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 107**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 144**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Normally closed**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc waits at Release angle 1. Sensor DI1 is triggering movement to Receive angle 1 (if no interlock). Guide disc is automatically moved to Release to angle 1

- **Function variant: 108**
- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Normally open**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Release angle 1. Guide disc is automatically moved to Receive angle 1 (if no interlock). Sensor DI1 is triggering movement to Release angle 1.

- **Function variant: 251**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 252**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 253**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 (together with sensor DI1)

Guide disc is automatically moved back to Release angle 1. This setting is recommended for sensor position at closed guide disc

- **Function variant: 254**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Sensor DI1 is triggering movement to Release angle 1. This setting is recommended for sensor position at open guide disc

- **Function variant: 336**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Guide disc is automatically moved back to Release angle 1.

- **Function variant: 337**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

PLC is triggering movement to Release angle 1.

- **Function variant: 338**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

Guide disc is automatically moved back to Release angle 1.

- **Function variant: 339**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command
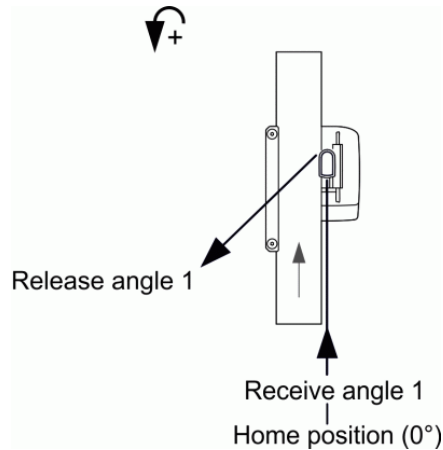
- Receive from conveyor 1

PLC is triggering movement to Release angle 1.

Stop unit queue, Right

- **Function group: 31**

- **Function variant: 162**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- *Receive from conveyor 1* to release puck queue

- *Release to conveyor 1* to stop pucks

- **Function variant: 163**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- *Receive from conveyor 1* to release puck queue

- *Release to conveyor 1* to stop pucks

- **Function variant: 164**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc waits at Release angle 1. Sensor DI1 is triggering movement to Receive angle 1. Sensor DI2 is triggering movement to Release angle 1.

- **Function variant: 283**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

- **Function variant: 284**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**
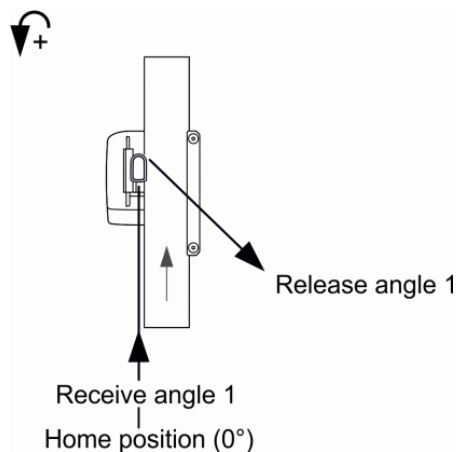
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

Stop unit queue, Left

- **Function group: 32**

- **Function variant: 165**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

- **Function variant: 166**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

- **Function variant: 167**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc waits at Release angle 1. Sensor DI1 is triggering movement to Receive angle 1. Sensor DI2 is triggering movement to Release angle 1.

- **Function variant: 285**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

- **Function variant: 286**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command
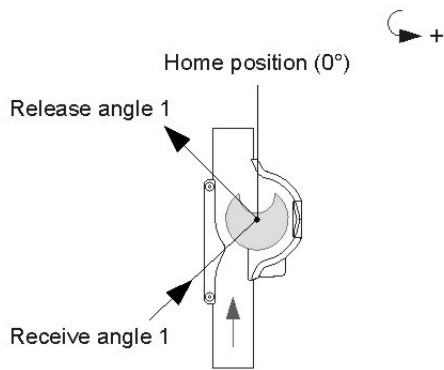
- Receive from conveyor 1 to release puck queue

- Release to conveyor 1 to stop pucks

Locating unit, Right

- **Function group: 21**

Home position (0°)

Release angle 1

Receive angle 1

- **Function variant: 109**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 110**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 111**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 112**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 113**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1

- **Function variant: 125**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Sensor DI2 is triggering movement to Release angle 1. Guide disc is automatically moved to Receive angle 1.

- **Function variant: 255**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 256**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 257**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 258**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 340**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 341**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 342**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 343**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**
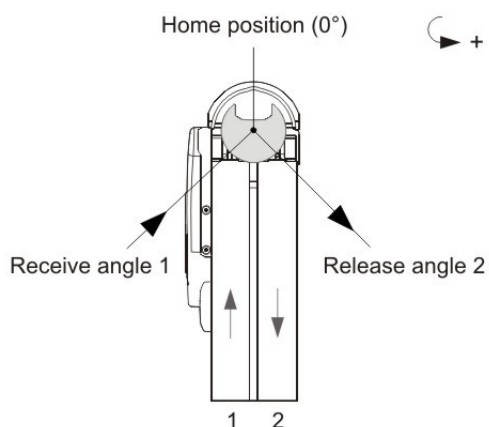
- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

Locating unit 180, Right

- **Function group: 25**

- **Function variant: 127**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 128**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 129**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 130**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 131**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**

- **Control: Autonomous**
- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1

- **Function variant: 132**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Sensor DI2 is triggering movement to Release angle 1. Guide disc is automatically moved to Receive angle 1.

- **Function variant: 259**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 260**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 261**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 262**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 344**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 345**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 346**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
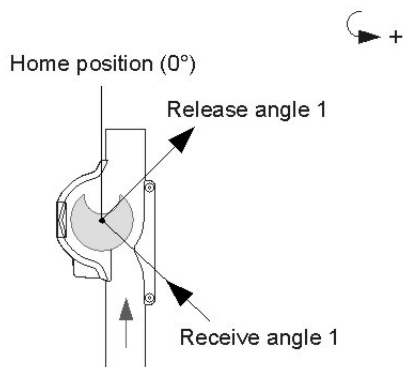- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 347**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

Locating unit, Left

- **Function group: 22**

- **Function variant: 114**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 115**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 116**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 117**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 118**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1

- **Function variant: 126**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Sensor DI2 is triggering movement to Release angle 1. Guide disc is automatically moved to Receive angle 1.

- **Function variant: 263**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 264**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 265**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position) together with sensor DI1

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 266**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 348**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 349**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position.

Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 350**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

PLC command *Receive from conveyor 1* starts next cycle

- **Function variant: 351**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position.
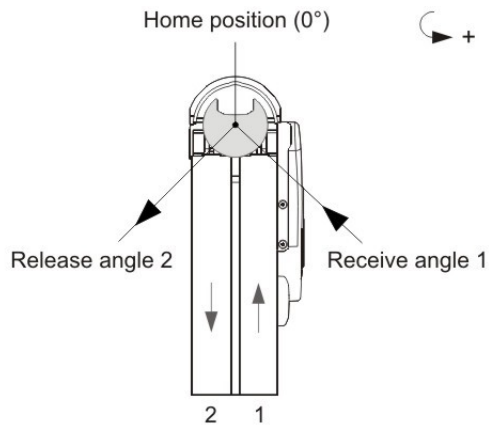
Waiting for PLC commands - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

Locating unit 180, Left

- **Function group: 26**

Home position (0°)

Release angle 2

Receive angle 1

2   1

- **Function variant: 133**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 134**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 135**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 136**
- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 137**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1

- **Function variant: 138**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Sensor DI2 is triggering movement to Release angle 1. Guide disc is automatically moved to Receive angle 1.

- **Function variant: 267**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 268**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 269**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 270**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 352**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally closed, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 353**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Normally open, only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 354**
- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2* or *Move to Wait angle 1*

Waiting for PLC command - *Receive from conveyor 1*

- **Function variant: 355**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally open, only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. PLC is triggering movement to locking position

Waiting for PLC command - *Release to conveyor 2*

Guide disc is automatically moved to Receive angle 1

Locating unit bypass, Left

- **Function group: 27**
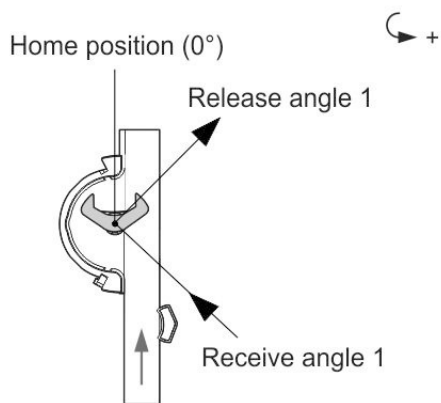
- **Function variant: 148**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 149**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 150**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1.

- **Function variant: 271**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)
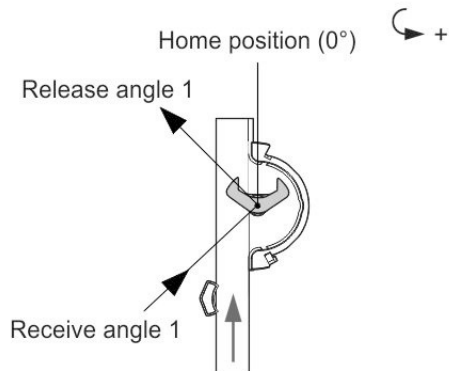
Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 272**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

Locating unit bypass, Right

- **Function group: 28**

- **Function variant: 151**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 152**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 153**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc starts at Receive angle 1. Sensor DI1 is triggering movement to locking position. Guide disc is automatically moved to Release angle 1 (on a timer). Guide disc is automatically moved to Receive angle 1.

- **Function variant: 273**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

- **Function variant: 274**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Sensor**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Receive angle 1. Waiting for PLC commands

- *Release to conveyor 1* (for bypassing locking) or - *Release to conveyor 2* or *Move to Wait angle 1* (for locking position)

Sensor DI1 has to be added in the PLC

Release movement from locking position is triggered by the PLC command - *Release to conveyor 1*

Guide disc is automatically moved to Receive angle 1

Locating unit 3 position, Left

- **Function group: 29**
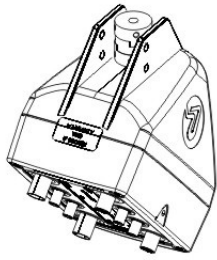
- **Function variant: 154**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

- **Function variant: 155**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

- **Function variant: 156**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc is a star wheel with 3 gaps. Sensor DI3 is triggering movement by 120 degree. Guide disc is automatically moving by another 120 degree (on a timer).

- **Function variant: 157**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc is a star wheel with 3 gaps. Sensor DI3 is triggering movement by 120 degree. Sensor DI2 is triggering movement by another 120 degree.

- **Function variant: 279**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

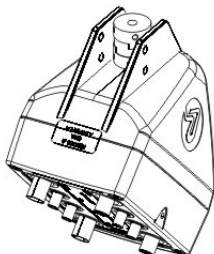*- Receive from conveyor 1* moves guide disc by 120 degree

- **Function variant: 280**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

Locating unit 3 position, Right

- **Function group: 30**

- **Function variant: 158**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

- **Function variant: 159**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Normally closed**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

- **Function variant: 160**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Timer**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc is a star wheel with 3 gaps. Sensor DI3 is triggering movement by 120 degree. Guide disc is automatically moving by another 120 degree (on a timer).

- **Function variant: 161**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc is a star wheel with 3 gaps. Sensor DI3 is triggering movement by 120 degree. Sensor DI2 is triggering movement by another 120 degree.

- **Function variant: 281**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

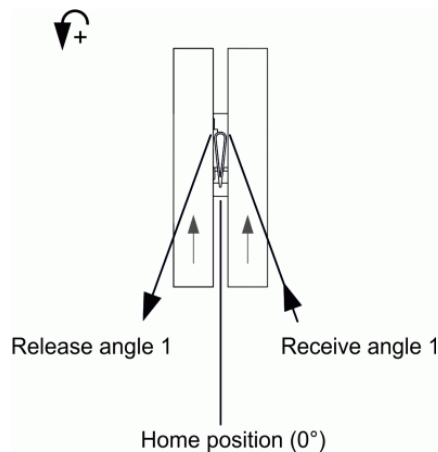*- Receive from conveyor 1* moves guide disc by 120 degree

- **Function variant: 282**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc is a star wheel with 3 gaps. Waiting for PLC commands

- Receive from conveyor 2 moves guide disc by 120 degree

- Receive from conveyor 3 moves guide disc by 120 degree

- Receive from conveyor 1 moves guide disc by 120 degree

Divider queue

- **Function group: 33**

- **Function variant: 168**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

- Release to conveyor 1

- **Function variant: 169**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

- Release to conveyor 1

- **Function variant: 170**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor is enabled when power is on. Alarm resets when reboot. Guide disc waits at Release angle 1. Sensor DI1 is triggering movement to Receive angle 1. Sensor DI2 is triggering movement to Release angle 1.

- **Function variant: 287**
- **A-Bus protocol: Ethernet/IP**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP. Guide disc starts at Release angle 1. Waiting for PLC command

- Receive from conveyor 1

- Release to conveyor 1

- **Function variant: 288**
- **A-Bus protocol: Profinet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: Only PLC**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet. Guide disc starts at Release angle 1. Waiting for PLC command
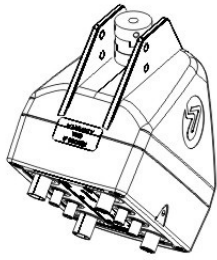
- Receive from conveyor 1

- Release to conveyor 1

Position mode

- **Function group: 23**

- **Function variant: 119**

- **A-Bus protocol: CANopen**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Position setpoint is sent via CANopen

- **Function variant: 120**

- **A-Bus protocol: DeviceNet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Position setpoint is sent via DeviceNet

- **Function variant: 275**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Position setpoint is sent via Ethernet/IP
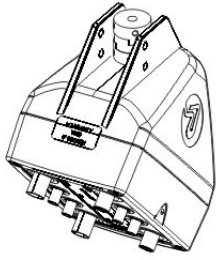
- **Function variant: 276**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Position setpoint is sent via Profinet

Speed mode

- **Function group: 24**

- **Function variant: 122**
- **A-Bus protocol: CANopen**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via CANopen. Alarm resets on reset bit via CANopen. Speed setpoint is sent via CANopen

- **Function variant: 123**
- **A-Bus protocol: DeviceNet**
- **Enable-Reset: Line control**
- **Control: Line control**
- **Variant: No choice**

Motor is enabled via DeviceNet. Alarm resets on reset bit via DeviceNet. Speed setpoint is sent via DeviceNet

- **Function variant: 124**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Sensor**

Motor starts when power is on. Alarm resets when reboot. Sensor DI1 is increasing speed setpoint. Sensor DI2 is decreasing speed setpoint. When sensor DI3 is active Speed setpoint 2 is activated. When Speed setpoint 2 is activated DI1 and DI2 is tuning speed setpoint 2.

- **Function variant: 147**
- **A-Bus protocol: None**
- **Enable-Reset: Autonomous**
- **Control: Autonomous**
- **Variant: Limit switch**

Motor starts when power is on. Alarm resets when reboot. The conveyor is running with speed setpoint 1 until Sensor DI3 is triggered. Then it stops for the limit switch wait delay before it starts with speed setpoint 2 (should be set to reverse direction). Then it stops by DI4 when it waits and starts over with setpoint 1 again. Sensor DI1 is increasing the currently activated

speed setpoint. Sensor DI2 is decreasing the currently activated speed setpoint.

- **Function variant: 277**

- **A-Bus protocol: Ethernet/IP**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via Ethernet/IP. Alarm resets on reset bit via Ethernet/IP . Speed setpoint is sent via Ethernet/IP
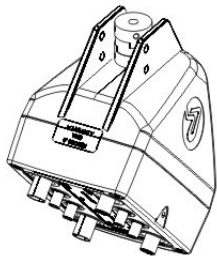
- **Function variant: 278**

- **A-Bus protocol: Profinet**

- **Enable-Reset: Line control**

- **Control: Line control**

- **Variant: No choice**

Motor is enabled via Profinet. Alarm resets on reset bit via Profinet . Speed setpoint is sent via Profinet

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Lua mode

- **Function group: 34**

- **Function variant: 293**

- **A-Bus protocol: None**

- **Enable-Reset: Autonomous**

- **Control: Autonomous**

Motor starts when power is on. Alarm resets when reboot. Drive or Function motor is controlled by Lua script.