

Overview

- For the control cabinet with IP20
- 8 ports for integrating the sensors for IO-Link communication or digital I/O
- 2 EtherNet/IP interfaces
- Supports Modbus TCP and OPC UA



Technical data

General data

LED Indicators	Digital Input Ethernet Port Status IO-Link Module status Network status Power supply
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Communication Interfaces	Ethernet IO-Link
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Protocols	EtherNet/IP™ Modbus TCP OPC UA
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Software	Integrated webserver for configuration
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Electrical data

Connector	Push-In connector Female RJ45
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Power supply	18 - 30 V DC
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Power Consumption	155 mA
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Communication interface Ethernet

Number of connections	2
Connector	Female RJ45
Standards	IEEE 802.3: 10Base-T / IEEE 802.3u: 100Base-TX

Transmission rate	10 MBit/s 100 MBit/s
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Cable length	100 m
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Protocols	Modbus TCP OPC UA EtherNet/IP™
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Communication interface IO-Link

IO-Link port type	Class A
Number of connections	8
Number of input and outputs	8 x IO-Link Digital Output (DO) Digital Input (DI)

Output current L+/L-	200 mA
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Output current C/Q	200 mA
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Communication interface IO-Link

Output current Master max.	3,2 A
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Short-circuit-proof	Yes
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Reverse polarity protected	Yes
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Communication interface Digital input

Standards	IEC 61131-2 Typ 1 and Typ 3 conform
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Thresholds Pin 2	High: 6,8-8,0 V DC Low: 5,2-6,4 V DC
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Thresholds Pin 4	High: 10,5-13,0 V DC Low: 8,0-11,5 V DC
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Input current	3 mA
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Cable length	30 m
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Communication interface Digital output

Output voltage	24 V DC
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Output current max.	200 mA
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Output function	NPN PNP Push-Pull
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Cable length	30 m
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Connector	Push-In connector
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Output current L+/L-	200 mA
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Output current C/Q	200 mA
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Output current Master max.	1,6 A
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Short-circuit-proof	Yes
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Reverse polarity protected	Yes
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Mechanical data

Model	Cubic
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Enclosure	Polyamide, UL94V-0
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Width	45 mm
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Height	118 mm
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Depth	114 mm
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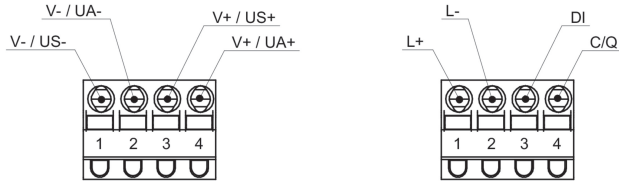
Weight	250 g
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Environmental conditions

Operating temperature	- 40 °C ... + 70 °C
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Storage temperature	- 40 °C ... + 85 °C
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Connection diagram



Connection: Input: Power supply

Connection: IO-Link Dual-Channel

Dimensional drawings (mm)

