

Overview

- Suitable for control cabinet thanks to IP20
- 8 flexibly assignable ports enable various control concepts
- Interface diversity with 2x PROFINET, Modbus TCP and OPC UA



Technical data

General data

Degree of protection	IP20
LED Indicators	Digital Input Ethernet Port Status IO-Link Module status Network status Power supply
Communication Interfaces	Ethernet IO-Link
Protocols	PROFINET Modbus TCP OPC UA
Software	Integrated webserver for configuration

Electrical data

Connector	Female RJ45 Push-In connector
Power supply	20 - 30 VDC
Power Consumption	120 mA
Current supply	UA 16 A (Actuators) US 16 A (Master and Sensors)

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
Cable length	100 m
Protocols	PROFINET Modbus TCP OPC UA

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)

Communication interface IO-Link

Output current L+/L-	1,6 A (Port 1) 1,0 A (Port 3) 500 mA (Port 2, 4-8)
Output current C/Q	200 mA
Output current Master max.	6,7 A
Short-circuit-proof	Yes
Reverse polarity protected	Yes

Communication interface Digital input

Standards	IEC 61131-2 Typ 1 and Typ 3 conform
Thresholds Pin 2	High: 6,8 VDC Low: 5,2 VDC
Thresholds Pin 4	High: 10,5 VDC Low: 8,0 VDC
Input current	3 mA

Communication interface Digital output

Output voltage	24 VDC
Output current max.	20 mA
Output function	NPN PNP Push-Pull
Connector	Push-In connector
Output current L+/L-	1,6 A (Port 1) 1,0 A (Port 3) 500 mA (Port 2, 4-8)
Output current C/Q	200 mA
Output current Master max.	6,7 A
short-circuit-proof	Yes
Reverse polarity protected	Yes

Mechanical data

Model	Cubic
Enclosure	Polyamid 66
Width	65 mm
Height	212 mm
Depth	30 mm

Technical data

Mechanical data

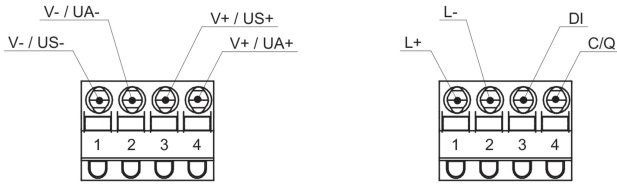
Weight 454 g

Environmental conditions

Operating temperature - 25 °C ... + 60 °C

Storage temperature - 40 °C ... + 70 °C

Connection diagram



Connection: Input: Power supply

Connection: IO-Link Dual-Channel

Dimensional drawings (mm)

