

Overview

- IP20 control cabinet device
- 8 ports for integrating sensors via IO-Link or I/O
- 2 PROFINET ports
- Supports 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	Push-In connector Female RJ45
Power supply	18 - 30 V DC
Power Consumption	155 mA
Current supply	US 3.7 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 100 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)
Output current L+/L-	200 mA

Communication interface IO-Link

Output current C/Q	200 mA
Output current Master max.	3.2 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 - 8.0 V DC Low: 5.2 - 6.4 V DC
Thresholds Pin 4	High: 10.5 - 13.0 V DC Low: 8.0 - 11.5 V DC
Input current	3 mA
Cable length	30 m

Communication interface Digital output

Output voltage	24 V DC
Output current max.	200 mA
Output function	NPN PNP Push-Pull
Cable length	30 m
Connector	Push-In connector
Output current L+/L-	200 mA
Output current C/Q	200 mA
Output current Master max.	3.2 A
Short-circuit-proof	Yes
Reverse polarity protected	Yes

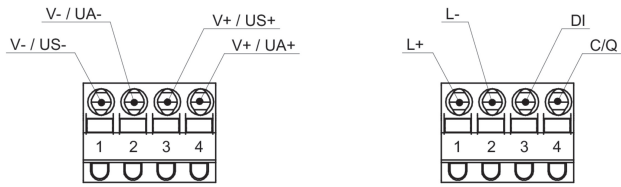
Mechanical data

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

Environmental conditions

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

Connection diagram



Connection: Input: Power supply

Connection: IO-Link Dual-Channel

Dimensional drawings (mm)

