

**Overview**

- Field device with IP67
- 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
Communication Interfaces	Ethernet IO-Link
Protocols	EtherNet/IP™ Modbus TCP OPC UA
Software	Integrated webserver for configuration

**Electrical data**

Connector	Female M12 4-Pole, D-coded Female M12 5-Pol, A-coded Female M12 5-Pol, L-coded, (Supply output) Male M12 5-Pol, L-coded, (Supply input)
Power supply	18 - 30 V DC
Power Consumption	155 mA
Current supply	UA 16 A (Actuators) US 16 A (Master and Sensors)

**Communication interface Ethernet**

Number of connections	2
Connector	Female M12 4-Pole, D-coded
Standards	IEEE 802.3: 10Base-T / IEEE 802.3u: 100Base-TX
Transmission rate	10 MBit/s 100 MBit/s
Cable length	100 m
Protocols	Modbus TCP OPC UA EtherNet/IP™

**Communication interface IO-Link**

IO-Link port type	Class A
Number of connections	8

**Communication interface IO-Link**

Number of input and outputs	8 x IO-Link Digital Output (DO) Digital Input (DI)
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

**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

**Communication interface Digital output**

Output voltage	24 V DC
Output current max.	200 mA
Output function	NPN PNP Push-Pull
Connector	Female M12 5-Pol, A-coded
Output current L+/L-	200 mA
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	Polyamide 66
Width	65 mm
Height	212 mm
Depth	30 mm
Weight	454 g

**Technical data**

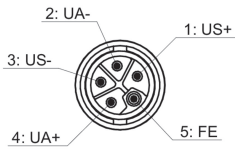
**Environmental conditions**

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

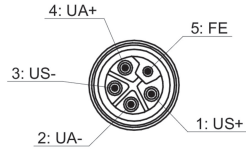
**Environmental conditions**

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

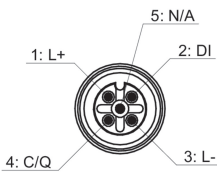
**Connection diagram**



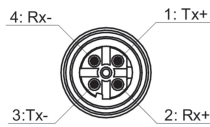
Connection: Input: Power supply



Connection: Output: Power supply



Connection: IO-Link Dual-Channel



Connection: Ethernet

**Dimensional drawings (mm)**

