

Basic features

Approval/Conformity	ODVA cULus CSA CE WEEE
Scope of delivery	Part label (20x) Port cover M12 (4x) Grounding strap Lock washer Short guide M4x6 screw
Style	Two-row

Display/Operation

Active transmission indicator	Green LED
Data rate indicator	LED yellow
Module supply indicator	Green LED

Electrical connection

Cable type (IEE 802.3)	Shielded twisted pair: min. STP CAT5/STP CAT5e
Connection (COM 1)	UPLINK: M12x1-Male, 4-pin, D-coded
Connection slots	8x M12x1-Female, 4-pin, D-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Flow control	Half Duplex/Full Duplex (IEEE 802.3x-Pause)
Input current max. at 24 V	130 mA
Operating voltage U_b	18...30.2 VDC
Rated operating voltage U_e DC	24 V
Transfer rate	10...100 Mbit/s

Environmental conditions

Ambient temperature	-5...55 °C
EN 60068-2-6, Vibration	5...61 Hz, constant amplitude 1 mm 61...500 Hz, constant acceleration 15 g
Protection degree	IP67 when threaded in
Storage temperature	-25...70 °C

Material

Gasket, material	FKM 75
Housing material	Zinc, Die casting
Housing shield	yes
Surface protection	Cu 15 µm Ni 15 µm

Mechanical data

Dimension	68 x 32.4 x 224 mm
Mounting	2-hole screw mount
Mounting ground strap	M4

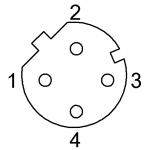
Output/Interface

Auxiliary interfaces	8x EtherNet/IP 10Base-T/ 100Base-TX
Interface	Ethernet TCP/IP 10Base-T/ 100Base-TX

Remarks

See short guide

Connector Drawings



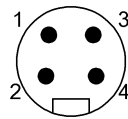
Ethernet (1xUp-,8xDownlink)

PIN 1: Tx+

PIN 2: Rx+

PIN 3: Tx-

PIN 4: Rx-



Power IN

PIN 1: +24V

PIN 2: +24V

PIN 3: 0V

PIN 4: 0V