

Basic features

Approval/Conformity	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

Actuator supply UA, indicator	Green LED
Sensor supply US indicator	Green LED
Switching function display	LED yellow

Electrical connection

Connection (COM 1)	7/8"-Male, 5-pin
Connection (COM 2)	7/8"-Female, 5-pin
Connection (supply voltage IN)	7/8"-Male, 4-pin
Connection slots	8x M12x1-Female, 5-pin, A-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Address range	0 - 63
Configurable inputs/outputs	yes
Current sum UA, actuator	9.0 A
Current sum US, sensor	9.0 A
Operating voltage Ub	18...30.2 VDC
Output current max.	2 A
Rated operating voltage Ue DC	24 V
Transfer rate	125/500 kBaud

Environmental conditions

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

Functional safety

MTTF (40 °C)	74 a
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Interface

Digital inputs	16x PNP, Type 2
Digital outputs	16x PNP
Interface 01	DeviceNet

Material

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

Mechanical data

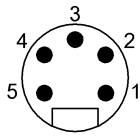
Dimension	68 x 37.9 x 224 mm
Mounting ground strap	M4
Mounting part	2-hole screw mount
Weight	775 g

Remarks

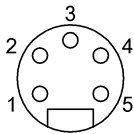
See short guide  
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

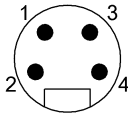
Connector Drawings



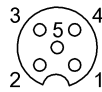
Bus in  
PIN 1: shield  
PIN 2: +24V  
PIN 3: 0V  
PIN 4: CAN H  
PIN 5: CAN L



Bus out  
PIN 1: shield  
PIN 2: +24V  
PIN 3: 0V  
PIN 4: CAN H  
PIN 5: CAN L



Aux Power  
PIN 1: +24V  
PIN 2: +24V  
PIN 3: 0V  
PIN 4: 0V



I/O ports  
PIN 1: +24V, 0.2A  
PIN 2: In-/output 2A  
PIN 3: 0V  
PIN 4: In-/output 2A  
PIN 5: Function ground