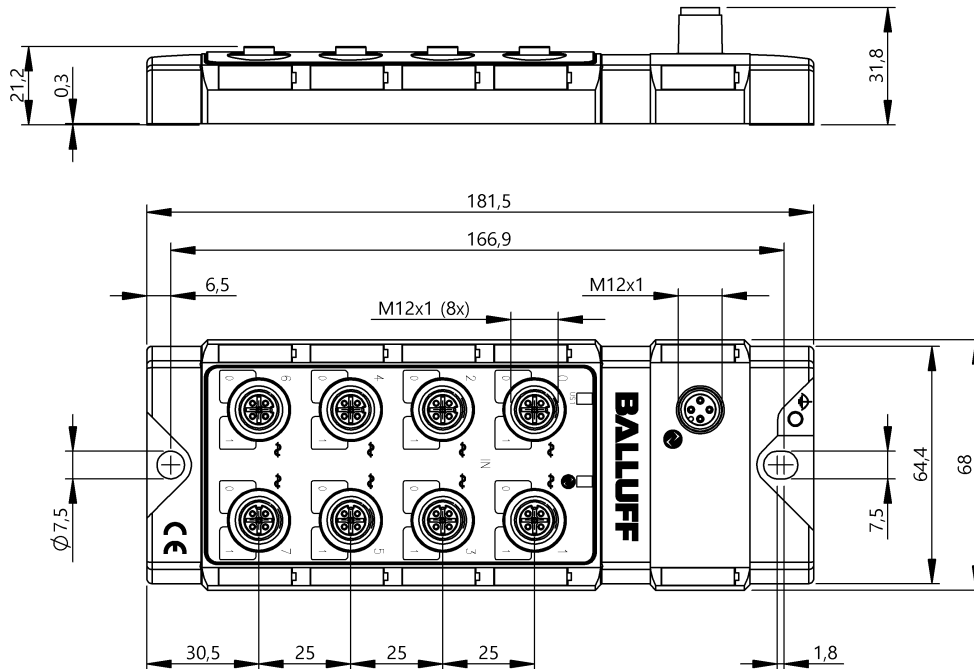


**Basic features**

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

Display/Operation

IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Switching function display	LED yellow

Electrical connection

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

Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	80 mA
Current sum UA, actuator	4 A
Current sum US, sensor	4 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V

Environmental conditions

Ambient temperature	-5...70 °C
Ambient temperature UL max.	45 °C
IP rating	IP67, when threaded in
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	31 a
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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 31.8 x 181.5 mm
Mounting ground strap	M4 internal thread
Mounting part	2-hole screw mount

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.

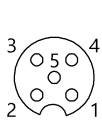
Output/Interface

Analog inputs	8x Analog, voltage/analog, current/analog, temperature (0...10 V/-10...10 V/0...5 V/-5...5 V/5...10 V/4...20 mA/0...20 mA/Pt100/Pt1000/Thermocouple Type J/Thermocouple Type K)
Cycle time min.	55 ms
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	22 bytes
Process data OUT	1 byte
Process data cycle min.	55 ms
Transfer rate	COM2 (38.4 kBaud)

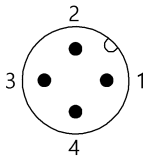
Range/Distance

Resolution	≤ 16 Bit adjustable
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Connector Drawings



Analog input port
PIN 1: +24V, 150mA
PIN 2: Input 2
PIN 3: GND
PIN 4:
Input 1
PIN 5: n.c.



IO-Link
PIN 1: +24V
PIN 2: n.c.
PIN 3: GND
PIN 4: C/Q, IO-Link DC-Channel