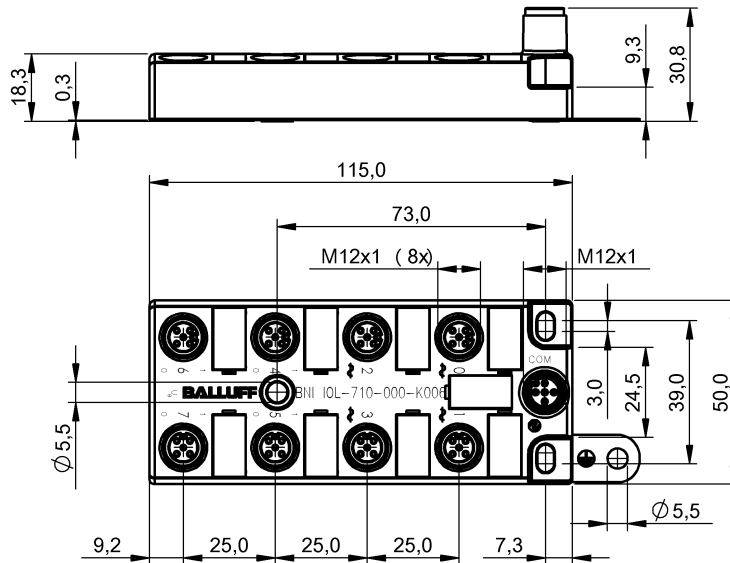


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Display/Operation

IO-Link communication indicator	LED green
Module supply indicator	LED green
Sensor supply US indicator	yes
Switching function display	yes

Electrical connection

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

Electrical data

Configurable inputs/outputs	no
Current sum US, sensor	1.2 A
Cycle time min.	3 ms
MTTF (40 °C)	119 a
Operating voltage U_b	18...30.2 VDC
Rated operating voltage U_e DC	24 V

Environmental conditions

Ambient temperature	-5...55 °C
Protection type IEC 60529	IP67 when threaded in
Storage temperature	-25...75 °C

Functional safety

Diagnostic coverage	0 %
Functional safety	no
Mission Time	20 a

General data

Approval/Conformity	CE
Scope of delivery	Part label (12x) Blind plugs M12 (4x) Short guide
Style	Two-row

Material

Gasket, material	FKM 75
Housing material	PA
Housing shield	no

Mechanical data

Dimension	50 x 31 x 115 mm
Fastening detail	3-hole screw mount
Frame type	1

Output/Interface

Analog inputs	4x Analog, voltage (0...10 V)
Auxiliary interfaces, number	4x analog inputs (U)
Digital inputs	4x PNP, Type 2
Interface	IO-Link 1.0
IO-Link version	1.0
Process data cycle min.	30 ms

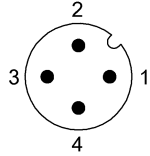
Remarks

Installation instructions See short guide
For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

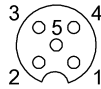
Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

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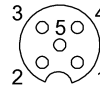
Connector view



IO-Link PIN 1: +24V, 1.6A PIN 2: n.c. PIN 3: GND, reference potential PIN 4: C/Q, IO-Link DC-Channel



Input Ports PIN 1: +24V, 100mA PIN 2: Input 2 PIN 3: GND PIN 4: Input 1 PIN 5: n.c.



Analog input port PIN 1: +24V, 100mA PIN 2: n.c. PIN 3: GND PIN 4: Analog input/Voltage PIN 5: Function ground