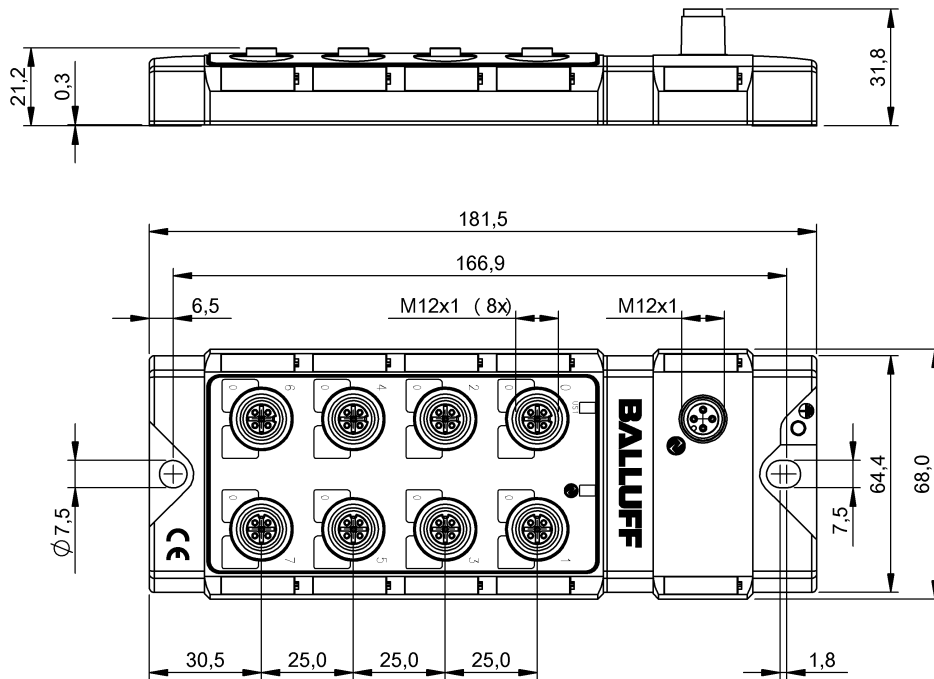


BNI IOL-102-000-Z012

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Display/Operation

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

Electrical connection

Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm
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Electrical data

Configurable inputs/outputs	no
Current sum US, sensor	1.1 A
Cycle time min.	3 ms
Operating voltage U_b	18...30.2 VDC
Rated operating voltage U_e DC	24 V

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

Protection type IEC 60529

Storage temperature

IP67 when threaded in

-25...70 °C

General data

Approval/Conformity
Scope of delivery

CE

Part label (20x)
Blind plugs M12 (4x)
Ground strap
Lock washer
Short guide
M4x6 screw

Style

Two-row

Material

Gasket, material
Housing material
Housing shield
Surface protection

FKM 75
Zinc, Die casting
yes
Cu 15 µ
Ni 15 µ

Mechanical data

Dimension
Fastening detail
Frame type
Mounting ground strap

68 x 31.8 x 181.5 mm
2-hole screw mount
2.1
M4

BNI IOL-102-000-Z012
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Process data cycle min. 3 ms

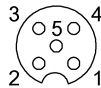
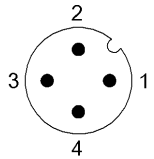
Output/Interface

Digital inputs 8x PNP, Type 2
Interface IO-Link 1.0
IO-Link version 1.0

Remarks

Installation instructions See short guide

Connector view



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

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