

Display/Operation

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

Electrical connection

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

Configurable inputs/outputs	no
Cycle time min.	2.5 ms
MTTF (40 °C)	105 a
Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V

Environmental conditions

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

General data

Approval/Conformity	CE
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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

Auxiliary interfaces	8x DSC
Digital inputs	8x PNP, Type 2
Interface	IO-Link
Process data cycle min.	10 ms

Remarks

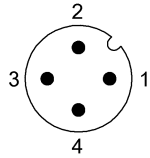
Mounting instructions See short guide
 For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

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

I/O-Blocks
BNI IOL-530-000-K006
Ordercode: BNI002Z

BALLUFF

Connector view



IO-Link PIN 1: +24V, 1.1A PIN 2: n.c. PIN 3: GND,
reference potential PIN 4: C/Q, IO-Link DC-Channel