

Basic features

Approval/Conformity	CE UKCA cULus WEEE Ecolab
Scope of delivery	User manual
Style	tubular

Display/Operation

IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Sensor supply US indicator	Green LED

Electrical connection

Connection (COM 1)	M12x1-Male, 4-pin, A-coded
Connection slots	M12x1-Female, 8-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.	65 mA
Current sum UA, actuator	4.0 A
Current sum US, sensor	4.0 A
IO-Link function	Device
IO-Link ports, number	1
Operating voltage U _b	18...30.2 VDC
Rated operating voltage U _e DC	24 V

Environmental conditions

Ambient temperature	-5...55 °C
Ambient temperature UL max.	45 °C
IP rating	IP67, when threaded in
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	124.5 a
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I/O modules
BNI IOL-760-002-E066
Order Code: BNI00C1



IO-Link

IO-Link Profil IDs	N/A
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Interface

Auxiliary interfaces	RS232
Cycle time min.	35.2 ms
Digital inputs	2x PNP, Type 3
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	32 bytes
Process data OUT	32 bytes
Process data cycle min.	35.2 ms
Transfer rate	COM2 (38.4 kBaud)

Material

Gasket, material	FKM 75
Housing material	1.4404 stainless steel
	PTFE
Housing shield	yes

Mechanical data

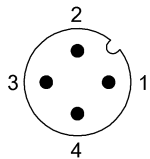
Dimension	Ø 18 x 118 mm
Mounting part	Diameter 18.0 mm Mounting clamps

Remarks

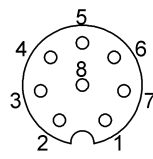
See short guide
 For more information about MTTF and B10d see MTTF / B10d Certificate

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



IO-Link
 PIN 1: +24V, 1.4A
 PIN 2: not used
 PIN 3: GND, reference potential
 PIN 4: C/Q, IO-Link



PIN 1: TX
 PIN2: RTS
 PIN 3: RX
 PIN4: CTS
 PIN5: DIN1
 PIN6: DIN2
 PIN 7: +24V
 PIN 8: GND