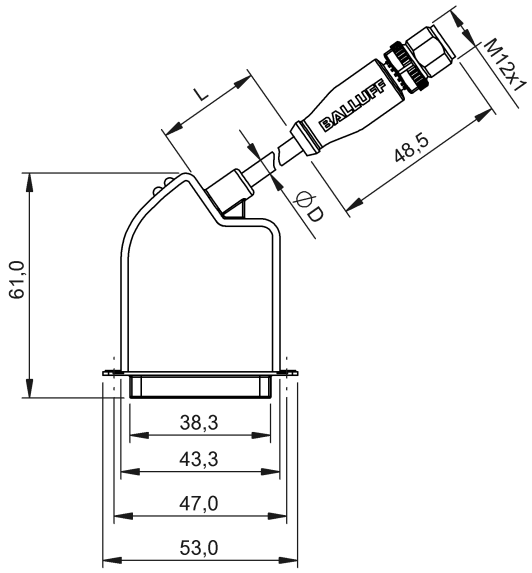
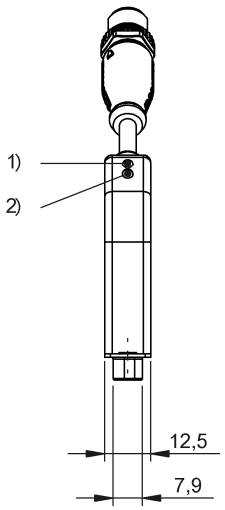
I/O modules

BNI IOL-750-V10-K007
Order Code: BNI006K





Basic features

Approval/Conformity	CE UKCA WEEE
Scope of delivery	Cylinder head screw M2.6×7.6 (2x) Short guide

Display/Operation

Actuator supply UA, indicator	LED green
IO-Link communication indicator	LED green
Module supply indicator	LED green

Electrical connection

Cable length L	0.6 m
Conductor cross-section	0.34 mm²
Connection (COM 1)	M12x1-Male, 5-pin, A-coded
Connection slots	D-Sub-Female, 25-pin
Connection type	0.60 m, PUR
Number of conductors	3

Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	60 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...55 °C
IP rating	IP40, plugged in
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	218 a

Interface

Cycle time min.	3.5 ms
IO-Link version	1.1
Interface	IO-Link 1.1
Process data OUT	4 bytes
Process data cycle min.	3.5 ms
Transfer rate	COM2 (38.4 kBaud)

Material

Housing material	PA
Housing shield	no
Material jacket	PUR

Mechanical data

Dimension	53 x 61 x 12.5 mm
Weight	82.292 g

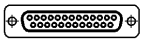
Remarks

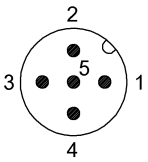
See short guide

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





PIN 1-12: Output
PIN13: 0V
PIN 14-25: Output

IO-Link
PIN 1: +24V, Controller+Valves
PIN 3: 0V
PIN 4: IO-Link