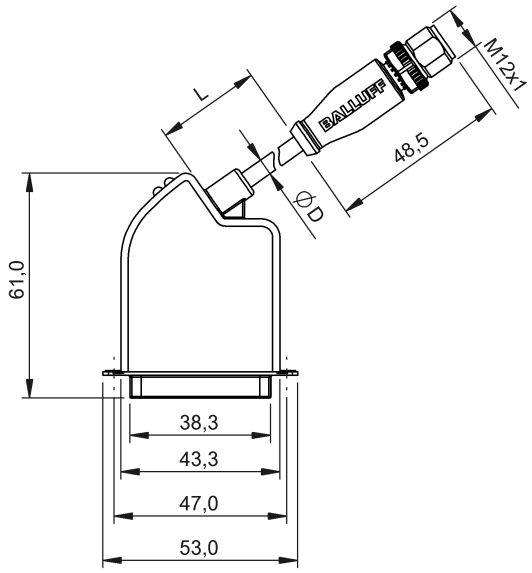
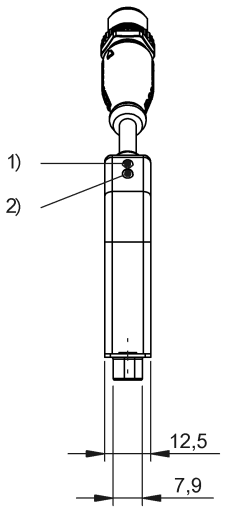
I/O modules

BNI IOL-751-V10-K007
Order Code: BNI006P





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	4

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

IO-Link

IO-Link Profil IDs	N/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

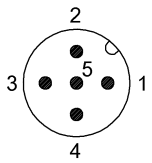
Mechanical data

Dimension	53 x 61 x 12.5 mm
Weight	80.833 g

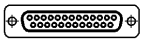
Remarks

See short guide

Connector Drawings



IO-Link
PIN 1: +24V, Controller
PIN 2: +24V, valve
PIN 3: 0V
PIN 4: IO-Link



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