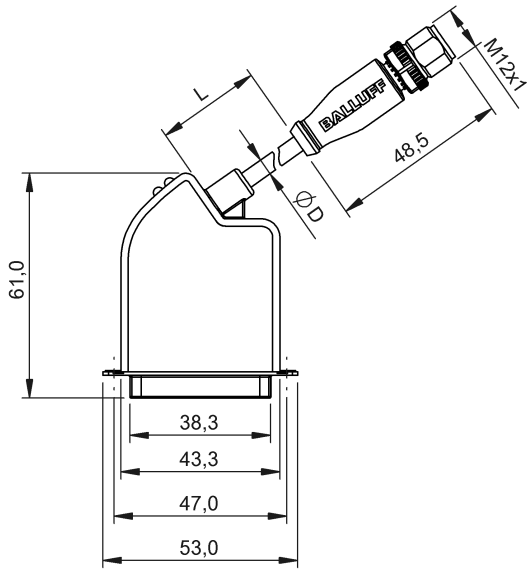
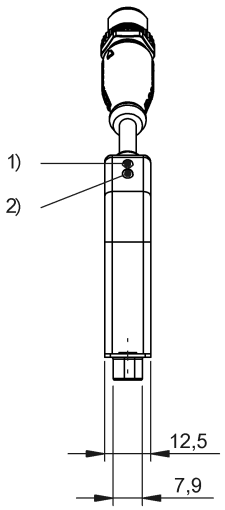
I/O modules

BNI IOL-752-V08-K007
Order Code: BNI006Y





Basic features

Approval/Conformity	CE UKCA WEEE
Scope of delivery	UNC4-40/M3 depth bolt (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	5

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

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

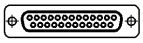
Mechanical data

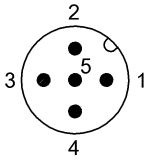
Dimension	53 x 61 x 12.5 mm
Weight	80.357 g

Remarks

See short guide

Connector Drawings





PIN 1-24: Output
PIN 25: 0V

IO-Link
PIN 1: +24V, 1.6A Controller
PIN 2: +24V, 1.6A valve
PIN 3: 0V, Controller, PIN 1
PIN 4: IO-Link
PIN 5: 0V, valve, PIN 2