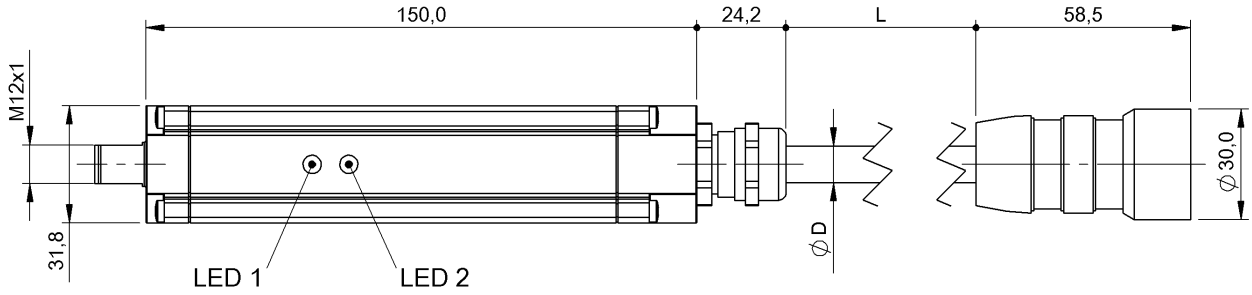
I/O modules

BNI IOL-770-V06-A027
Order Code: BNI004W



Basic features

Approval/Conformity	CE UKCA WEEE
Scope of delivery	Short guide

Display/Operation

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

Electrical connection

Cable diameter D	10 mm
Cable length L	0.5 m
Conductor cross-section	0.26 mm²
Connection (COM 1)	M12x1-Male, 5-pin, A-coded
Connection slots	M27-Female, 26-pin
Connection type	0.50 m, PUR
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm
Number of conductors	26

Electrical data

Configurable inputs/outputs	no
Current consumption without load, max.	50 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 Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V
Switching current	24x 300 mA

Environmental conditions

Ambient temperature	-5...70 °C
IP rating	IP67, plugged in
Storage temperature	-25...70 °C

Interface

Cycle time min.	5.5 ms
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	9 bytes
Process data OUT	4 bytes
Process data cycle min.	5.5 ms
Transfer rate	COM2 (38.4 kBaud)

Material

Housing material	Aluminium
Housing shield	no
Material jacket	PUR
Surface protection	Anodized

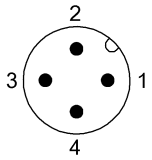
Mechanical data

Dimension	31.8 x 31.8 x 185 mm
Weight	517 g

Remarks

See short guide

Connector Drawings



IO-Link
PIN 1: +24V, US
PIN 2: +24V, UA
PIN 3: GND
PIN 4: C/Q, IO-Link DC-Channel