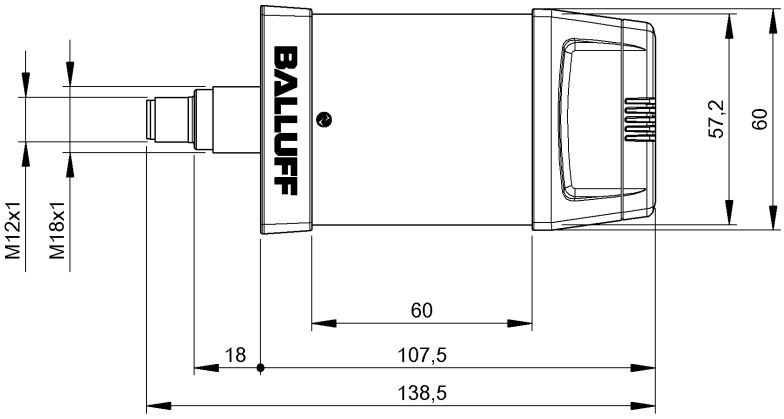
Signaling and Display Units

BNI IOL-800-000-Z037
Order Code: BNI0087



Basic features

Approval/Conformity	CE UKCA cULus WEEE
Life expectancy min.	50000 h
Scope of delivery	Lock washer Rubber foot Short guide M4x6 screw Hex nut M18x1

Display/Operation

Buzzer function	yes
Colors, number	7
Dimmable	yes
Function indicator	Runlight Mode Segment Mode Flexi-Mode
IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Predefined colors	Yellow white Green Blue Red Orange configurable
Segments, number max.	1
Setting	Function indicator Volume

Electrical connection

Connection	M12x1-Male, 4-pin, A-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Operating voltage Ub	18...30.2 VDC
Rated operating voltage Ue DC	24 V
Sound frequency	2800 ± 500 Hz

Environmental conditions

Ambient temperature	-5...50 °C
IP rating	IP30
Storage temperature	-25...50 °C
Volume (at a distance of 1m)	95 dB/m

Interface

Cycle time min.	5 ms
Error signal	110 mA at 24V
Frame type	2.V
IO-Link function	Device
IO-Link version	1.1
Interface	IO-Link 1.1
Process data OUT	1 byte
Process data cycle min.	5 ms

BNI IOL-800-000-Z037
Order Code: BNI0087

Material

Housing material	PC, Transparent, Cu 15 µm, Ni 15 µm Die-cast zinc
Housing shield	yes
Surface protection	Cu 15 µm Ni 15 µm

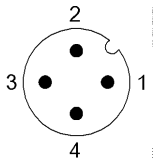
Mechanical data

Application weight	390.00 g
Dimension	60 x 60 x 138.5 mm
Grounding cable attachment	M4
Mounting part	Screws M18

Remarks

See short guide

Connector Drawings



IO-Link
PIN 1: +24V
PIN 2: not used
PIN 3: GND
PIN 4: C/Q, IO-Link DC-Channel