

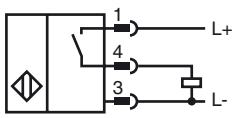
Model Number

NMB10-18GM65-E2-V1

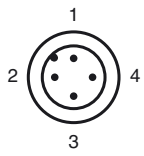
Features

- **10 mm flush**
- **Stainless steel sensing face**
- **Increased operating distance**

Connection



Pinout



Wire colors in accordance with EN 60947-5-2

1	BN	(brown)
2	WH	(white)
3	BU	(blue)
4	BK	(black)

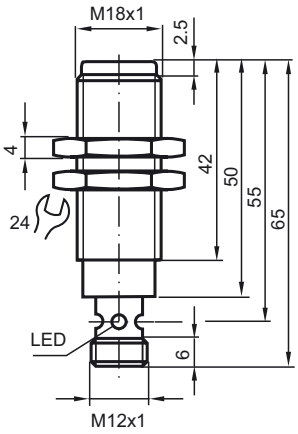
Accessories

V1-G-2M-PUR
Cable socket, M12, 4-pin, PUR cable

V1-W-2M-PUR
Cable socket, M12, 4-pin, PUR cable

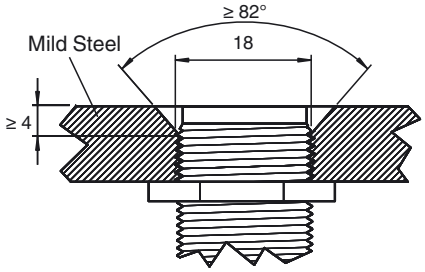
AB-18
Mounting aid

Dimensions



Technical Data

General specifications		
Switching element function		PNP NO
Rated operating distance	s_n	10 mm
Installation		flush (Requirements: see drawing below)
Output polarity		DC
Assured operating distance	s_a	0 ... 8.1 mm
Actuating element		Ferrous and nonferrous targets
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.25
Reduction factor r_{304}		0.85
Reduction factor r_{St37}		1
Nominal ratings		
Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 240 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 2 V
Operating current	I_L	≤ 200 mA
Off-state current	I_r	≤ 10 µA
No-load supply current	I_0	≤ 10 mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		Device connector M12 x 1 , 4-pin
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		Stainless steel 1.4305 / AISI 303
Protection degree		IP67 / IP68 / IP69K - cordset dependent according to cable specification
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		Products with a maximum operating voltage of ≤36 V do not bear a CCC marking because they do not require approval.



Sensor face is flush with mounting surface.

Release date: 2012-12-13 14:34 Date of issue: 2012-12-13 911271_eng.xml

Subject to modifications without notice
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