



Model Number

NMB10-18GM65-Z9-V1

Features

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

Accessories

V1-G-2M-PUR

Female cordset, M12, 4-pin, PUR cable

V1-W-2M-PUR

Female cordset, M12, 4-pin, PUR cable

AB-18

Mounting aid

Technical Data

General specifications

Switching function	Normally open (NO)
Output type	Two-wire
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_{Si37}	1
Output type	2-wire

Nominal ratings

Operating voltage	U_B	6 ... 30 V DC
Switching frequency	f	200 Hz
Hysteresis	H	5 ... 15 typ. 10 %
Reverse polarity protection		reverse polarity-conductive
Short-circuit protection		pulsing
Voltage drop	U_d	< 3 V
Operating current	I_L	2 ... 200 mA
Off-state current	I_r	≤ 400 μA
Switching state indicator		LED, yellow

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Connection type	Connector plug M12 x 1, 4-pin
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Stainless steel 1.4305 / AISI 303
Degree of protection	IP67

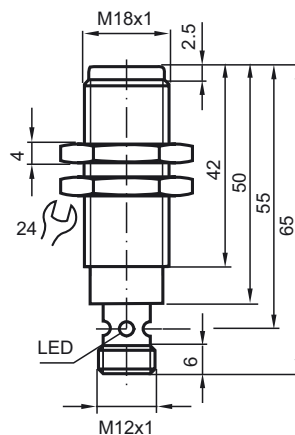
Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012

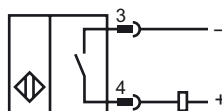
Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤36 V

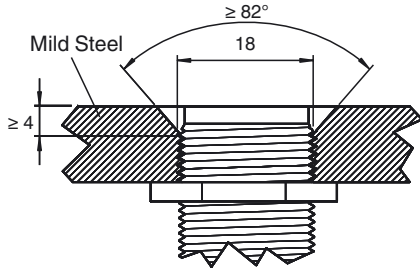
Dimensions



Electrical Connection



Pinout



Sensor face is flush with mounting surface.