



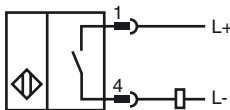
Model Number

NMB15-30GM65-Z4-V1

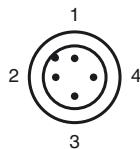
Features

- 15 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

AB-30

Mounting aid

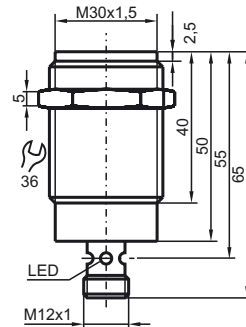
V1-G-2M-PUR

Cable socket, M12, 4-pin, PUR cable

V1-W-2M-PUR

Cable socket, M12, 4-pin, PUR cable

Dimensions



Technical Data

General specifications

Switching element function	DC	NO
Rated operating distance	s_n	15 mm
Installation	flush (Requirements: see drawing below)	
Output polarity	DC	
Assured operating distance	s_a	0 ... 12.15 mm
Actuating element	Ferrous and nonferrous targets	
Reduction factor r_{Al}	0.4	
Reduction factor r_{Cu}	0.2	
Reduction factor r_{304}	0.85	
Reduction factor r_{S137}	1	

Nominal ratings

Operating voltage	U_B	6 ... 30 V
Switching frequency	f	150 Hz
Hysteresis	H	5 ... 15 typ. 10 %
Reverse polarity protection	yes	
Short-circuit protection	yes	
Voltage drop	U_d	< 3 V DC
Operating current	I_L	2 ... 100 mA
Off-state current	I_r	< 400 μ A

Functional safety related parameters

MTTF _d	970 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %

Indicators/operating means

Operating display	4-way LED Yellow: output
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Ambient conditions

Ambient temperature	0 ... 70 °C (32 ... 158 °F)
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Mechanical specifications

Connection type	M12 connector, 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

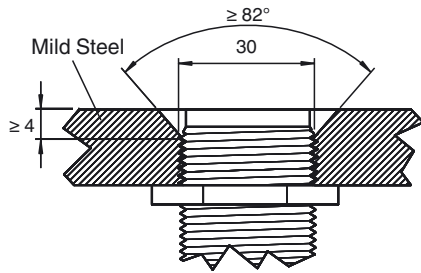
Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

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.

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Sensor face is flush with mounting surface.

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