



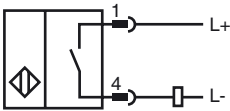
Model Number

NMB10-18GM65-Z4-V1

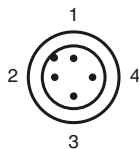
Features

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

Connection



Pinout

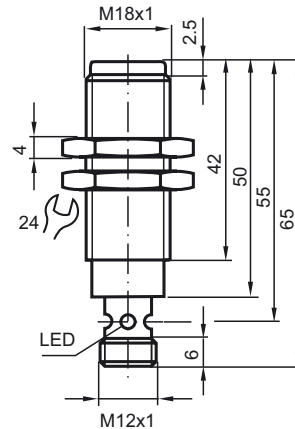


Accessories

- 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

Release date: 2012-12-13 14:34 Date of issue: 2012-12-13 912736_eng.xml

Dimensions



Technical Data

General specifications

Switching element function	DC	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_{Si37}	1	

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 protected	
Short-circuit protection	pulsing	
Voltage drop	U_d	< 3 V
Operating current	I_L	2 ... 200 mA
Off-state current	I_r	≤ 400 μA
Operating voltage display	LED, yellow	
Indication of the switching state	LED, yellow	

Standard conformity

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

Ambient conditions

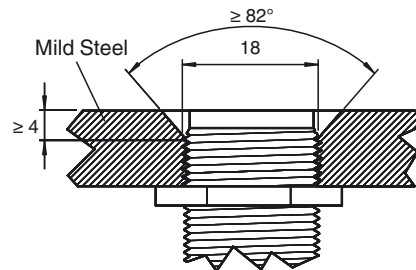
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
---------------------	--------------------------------

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.