



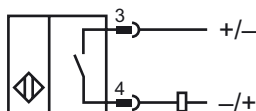
**Model Number**

NMB5-18GM65-Z0-FE-V1

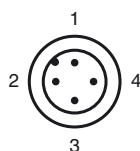
**Features**

- Stainless steel sensing face
- Sensing range 5 mm
- 2-wire DC
- Ferrous targets

**Connection**



**Pinout**



Wire colors in accordance with EN 60947-5-2

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

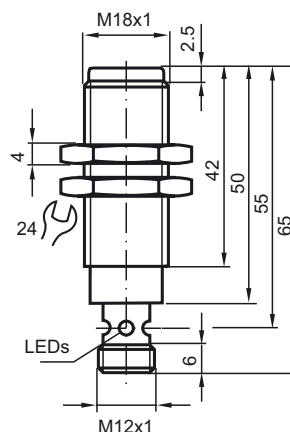
**Accessories**

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

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

**AB-18**  
Mounting aid

**Dimensions**



**Technical Data**

General specifications		
Switching element function		DC NO
Rated operating distance	$s_n$	5 mm
Installation		flush
Output polarity		DC
Assured operating distance	$s_a$	0 ... 4.05 mm
Actuating element		Ferrous targets
Reduction factor $r_{Al}$		0
Reduction factor $r_{Cu}$		0
Reduction factor $r_{304}$		0.75
Reduction factor $r_{St37}$		1
Nominal ratings		
Operating voltage	$U_B$	6 ... 30 V DC
Switching frequency	$f$	15 Hz
Hysteresis	$H$	3 ... 15 typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		no
Voltage drop	$U_d$	$\leq 5.5$ V DC
Operating current	$I_L$	2 ... 100 mA
Off-state current	$I_r$	$\leq 1$ mA
Indicators/operating means		
Operating display		4-way LED Yellow: output
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 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 $\leq 36$ V do not bear a CCC marking because they do not require approval.

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