



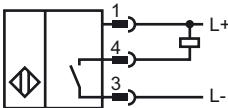
### Model Number

NMB1,5-8GM35-E0-FE-150MM-V3

### Features

- Stainless steel sensing face
- Sensing range 1.5 mm
- 3-wire DC

### Connection



### Pinout



Wire colors in accordance with EN 60947-5-2

1	BN
3	BU
4	BK

### Accessories

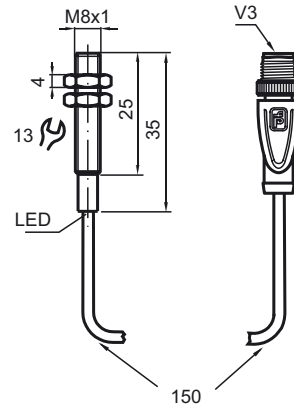
#### V3-GM-2M-PUR

Cable socket, M8, 3-pin, PUR cable

#### V3-WM-2M-PUR

Cable socket, M8, 3-pin, PUR cable

### Dimensions



### Technical Data

#### General specifications

Switching element function		NPN	NO
Rated operating distance	$s_n$	1.5 mm	
Installation		embeddable	
Output polarity		DC	
Assured operating distance	$s_a$	0 ... 1.215 mm	
Actuating element		Ferrous targets	
Reduction factor $r_{Al}$		0	
Reduction factor $r_{Cu}$		0	
Reduction factor $r_{V2A}$		0.6	
Reduction factor $r_{St37}$		1	

#### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V DC	
Switching frequency	$f$	80 Hz	
Hysteresis	$H$	5 ... 15 typ. 10 %	
Reverse polarity protected		yes	
Short-circuit protection		yes	
Voltage drop	$U_d$	$\leq 2$ V	
Operating current	$I_L$	$\leq 100$ mA	
Current consumption		$\leq 15$ mA	
Off-state current	$I_r$	$\leq 10$ $\mu$ A	

#### Indicators/operating means

Operating display	LED red: output
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#### Standard conformity

Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007
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#### Ambient conditions

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

Connection type	Cable connector M8 x 1, 3-pin with PUR cable 150 mm
Core cross-section	0.14 mm <sup>2</sup>
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	Stainless steel 1.4305 / AISI 303
Protection degree	IP67

#### 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.