



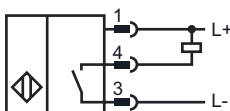
**Model Number**

NMB1,5-8GM35-E0-FE-150MM-V1

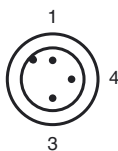
**Features**

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

**Connection**



**Pinout**



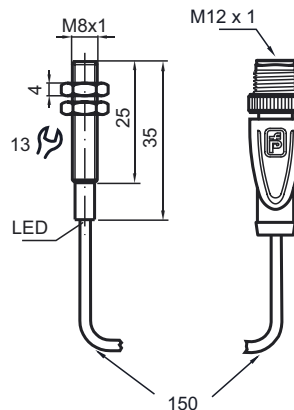
Wire colors in accordance with EN 60947-5-2

1	BN
3	BU
4	BK

**Accessories**

- 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		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	
Reduction factor $r_{Brass}$		0	

**Nominal ratings**

Operating voltage	$U_B$	10 ... 30 V DC
Switching frequency	$f$	80 Hz
Hysteresis	$H$	3 ... 15 typ. 5 %
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
-------------------	-----------------

**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	Cable connector M12 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.

Release date: 2010-11-16 13:56 Date of issue: 2010-11-17 904813\_ENG.xml