



Model Number

NMB1,5-8GM35-E2-FE-150MM-V1

Features

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

Accessories

V1-G-2M-PUR

Female cordset, M12, 4-pin, PUR cable

V1-W-2M-PUR

Female cordset, M12, 4-pin, PUR cable

Technical Data

General specifications

| | | |
|------------------------------|-------|--------------------|
| Switching function | | Normally open (NO) |
| Output type | | PNP |
| Rated operating distance | s_n | 1.5 mm |
| Installation | | flush |
| 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_{304} | | 0.4 - 0.7 |
| Reduction factor r_{S37} | | 1 |
| Reduction factor r_{Brass} | | 0 |
| Output type | | 3-wire |

Nominal ratings

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

Indicators/operating means

| | |
|---------------------|-----------------|
| Operation indicator | LED red: output |
|---------------------|-----------------|

Standard conformity

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

Ambient conditions

| | |
|---------------------|--------------------------------|
| Ambient temperature | -25 ... 75 °C (-13 ... 167 °F) |
|---------------------|--------------------------------|

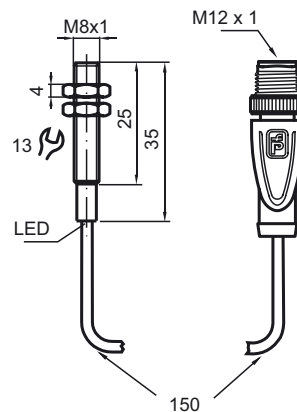
Mechanical specifications

| | |
|----------------------|--|
| Connection type | Cable connector M12 x 1, 3-pin with PUR cable 150 mm |
| Core cross-section | 0.14 mm ² |
| Housing material | Stainless steel 1.4305 / AISI 303 |
| Sensing face | Stainless steel 1.4305 / AISI 303 |
| Degree of protection | IP67 |

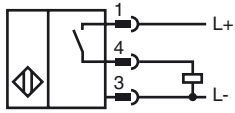
Approvals and certificates

| | |
|--------------|--|
| UL approval | cULus Listed, General Purpose |
| CSA approval | cCSAus Listed, General Purpose |
| CCC approval | CCC approval / marking not required for products rated ≤ 36 V |

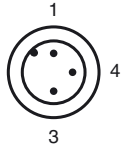
Dimensions



Electrical Connection



Pinout



Wire colors in accordance with EN 60947-5-2

| | | | |
|---|--|----|---------|
| 1 | | BN | (brown) |
| 3 | | BU | (blue) |
| 4 | | BK | (black) |