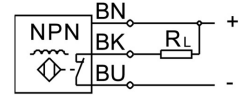


# Proximity sensor SIEN-M5B-NO-K-L

Part number: 150372

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                      | Value                                |
|----------------------------------------------|--------------------------------------|
| Conforms to standard                         | EN 60947-5-2                         |
| Symbol                                       | 00991643                             |
| Approval                                     | RCM trademark<br>c UL us listed (OL) |
| CE mark (see declaration of conformity)      | To EU EMC Directive                  |
| Note on materials                            | RoHS-compliant                       |
| Rated operating distance                     | 0.8 mm                               |
| Ambient temperature                          | -25 °C ... 70 °C                     |
| Repetition accuracy with constant conditions | 0.01 mm                              |
| Switching output                             | NPN                                  |
| Switching element function                   | N/C contact                          |
| Max. switching frequency                     | 5000 Hz                              |
| Max. output current                          | 200 mA                               |
| Short circuit current rating                 | Pulsed                               |
| Operational voltage range DC                 | 10 V ... 30 V                        |
| Reverse polarity protection                  | For all electrical connections       |
| Electrical connection                        | 3-wire<br>Cable                      |
| Cable length                                 | 2.5 m                                |
| Material cable sheath                        | TPE-U(PUR)                           |
| Size                                         | M5x0.5                               |
| Type of mounting                             | Via lock nut                         |
| Tightening torque                            | 1.5 Nm                               |
| Mounting type                                | Flush                                |
| Product weight                               | 33.6 g                               |
| Material housing                             | PA<br>High-alloy stainless steel     |
| Switching status indication                  | Yellow LED                           |
| Ambient temperature with moving cable        | -5 °C ... 70 °C                      |
| Degree of protection                         | IP67                                 |
| Immunity to surge                            | 1 kV                                 |
| Corrosion resistance class CRC               | 4 - Very high corrosion stress       |
| LABS (PWIS) conformity                       | VDMA24364-B2-L                       |
| Pollution degree                             | 3                                    |
| Additional information for sensor selection  | with standard sensing distance       |
| Electrical output                            | NPN                                  |

| Feature                    | Value    |
|----------------------------|----------|
| Selection of sensor design | Standard |