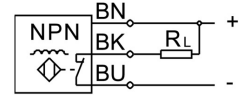


# Proximity sensor SIEN-4B-NO-K-L

Part number: 150364

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                    | Value   |
|--|---|
| Conforms to standard                       | EN 60947-5-2  |
| Symbol                                     | 00991643  |
| Certification                              | RCM compliance mark<br>c UL us - Listed (OL)  |
| CE marking (see declaration of conformity) | As per EU EMC directive   |
| Rated operating distance                   | 0.8 mm  |
| Assured operating distance                 | 0.64 mm   |
| Reduction factors                          | Aluminum = 0.4<br>Stainless steel St 18/8 = 0.7<br>Copper = 0.3<br>Brass = 0.4<br>Steel St 37 = 1.0 |
| Ambient temperature                        | -25 °C ... 70 °C  |
| Repetition accuracy                        | 0.04 mm   |
| Switching output                           | NPN   |
| Switching element function                 | N/C contact   |
| Max. switching frequency                   | 3000 Hz   |
| Max. switching frequency DC                | 3000 Hz   |
| Max. output current                        | 200 mA  |
| Voltage drop                               | 2 V   |
| Short-circuit protection                   | Pulsed  |
| DC operating voltage range                 | 10 V ... 30 V   |
| Residual ripple                            | 10 %  |
| Idle current                               | ≤10 mA  |
| Reverse polarity protection                | for all electrical connections  |
| Electrical connection                      | 3-wire<br>Cable   |
| Cable length                               | 2.5 m   |
| Material of cable sheath                   | TPE-U(PUR)  |
| Size                                       | 4 mm  |
| Type of mounting                           | Clamped   |
| Mounting type                              | Flush   |
| Product weight                             | 48 g  |
| Housing material                           | High-alloy stainless steel  |
| Switching status indication                | LED yellow  |
| Degree of protection                       | IP67  |
| LABS (PWIS) conformity                     | VDMA24364-B2-L  |

| <b>Feature</b>                             | <b>Value</b>                     |
|--|----------------------------------|
| Selection of additional sensor information | With standard switching distance |
| Electrical output                          | NPN                              |
| Selection of sensor version                | Standard                         |