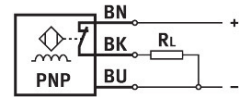


# Proximity sensor SIEN-4B-PO-K-L

Part number: 150366

FESTO



## Data sheet

| Feature                                 | Value  |
|---|--|
| Conforms to standard                    | EN 60947-5-2   |
| Approval                                | RCM trademark<br>c UL us listed (OL)   |
| CE mark (see declaration of conformity) | To EU EMC Directive  |
| Rated operating distance                | 0.8 mm   |
| Assured operating distance              | 0.64 mm  |
| Reduction factors                       | Aluminium = 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                        | PNP  |
| 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 current rating            | Pulsed   |
| Operational voltage range DC            | 10 V...30 V  |
| Residual ripple                         | 10 %   |
| No-load supply current                  | 10 mA  |
| 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                                    | 4 mm   |
| Type of mounting                        | Clamped  |
| Mounting type                           | Flush  |
| Product weight                          | 48 g   |
| Material housing                        | High-alloy stainless steel   |

| <b>Feature</b>                              | <b>Value</b>                   |
|---|--------------------------------|
| Switching status indication                 | Yellow LED                     |
| Degree of protection                        | IP67                           |
| LABS (PWIS) conformity                      | VDMA24364-B2-L                 |
| Additional information for sensor selection | with standard sensing distance |
| Electrical output                           | PNP                            |
| Selection of sensor design                  | Standard                       |