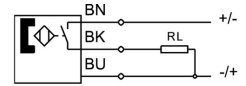


# Proximity sensor CRSMEO-4-K-LED-24

Part number: 161775

FESTO



## Data sheet

| Feature  | Value                   |
|--|-------------------------|
| Type code  | CRSMEO                  |
| Design   | Round                   |
| Symbol   | 00991145                |
| Certification  | RCM compliance mark     |
| CE marking (see declaration of conformity)           | As per EU EMC directive |
| Note on materials                                    | Free of copper and PTFE |
| Measuring principle                                  | Magnetic reed           |
| Ambient temperature                                  | -20 °C ... 60 °C        |
| Switching output                                     | Contact-based, bipolar  |
| Switching element function                           | N/O contact             |
| Reproducibility of switching value                   | +/- 0.1 mm              |
| On time  | ≤0.5 ms                 |
| Switch-off time                                      | 0.03 ms                 |
| Max. output current                                  | 500 mA                  |
| Max. switching capacity DC                           | 10 W                    |
| Short-circuit protection                             | no                      |
| DC operating voltage range                           | 12 V ... 30 V           |
| Reverse polarity protection                          | no                      |
| Electrical connection                                | 3-wire<br>Cable         |
| Cable length   | 2.5 m                   |
| Material of cable sheath                             | TPE-O                   |
| Type of mounting                                     | With accessories        |
| Product weight                                       | 70 g                    |
| Housing material                                     | PP                      |
| Switching status indication                          | LED yellow              |
| Ambient temperature with flexible cable installation | -5 °C ... 60 °C         |
| Degree of protection                                 | IP67                    |