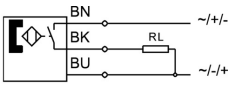
Proximity sensor
SME-10-KL-LED-24

Part number: 173210





Data sheet

Feature	Value
Type code	SME
Design	for round slot
Conforms to standard	EN 60947-5-2
Symbol	00991620
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 ... 70 °C
Switching output	Contact-based, bipolar
Switching element function	N/O contact
Reproducibility of switching value	+/- 0.1 mm
On time	≤0.6 ms
Switch-off time	≤0.05 ms
Max. switching frequency	500 Hz
Max. output current	100 mA
Max. switching capacity DC	1 W
Voltage drop	0 V
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	12 V ... 27 V
DC operating voltage range	12 V ... 27 V
Reverse polarity protection	no
Electrical connection	3-wire Cable
Connection outlet orientation	Longitudinal
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Type of mounting	Clamped in round slot Can be inserted in slot lengthwise
Tightening torque	0.1 Nm
Product weight	20 g
Housing material	PPS High-alloy stainless steel
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C

Feature	Value
Degree of protection	IP65 IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3