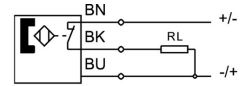


# Proximity sensor SME-8-O-K-LED-24

Part number: 160251

FESTO



## Data sheet

Feature	Value
Type code	SME
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991147
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 60 °C
Switching output	Contact-based, bipolar
Switching element function	N/C contact
Reproducibility of switching value	+/- 0.1 mm
On time	2 ms
Switch-off time	0.2 ms
Max. output current	50 mA
Min. switching capacity AC	1.5 VA
Max. switching capacity DC	1.5 W
Voltage drop	≤2.5 V
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	12 V ... 30 V
DC operating voltage range	12 V ... 30 V
Reverse polarity protection	no
Electrical connection	3-wire Cable
Connection outlet orientation	Longitudinal
Cable length	7.5 m
Material of cable sheath	TPE-U(PUR)
Type of mounting	Clamped in T slot Can be inserted in slot lengthwise
Tightening torque	0.2 Nm
Product weight	50 g
Housing material	Epoxy resin PC PET High-alloy stainless steel

<b>Feature</b>	<b>Value</b>
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Degree of protection	IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3