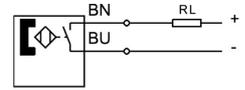


Proximity sensor SME-8-ZS-KL-LED-24

Part number: 171169

FESTO



Data sheet

Feature	Value
Type code	SME
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991144
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 Without LED function
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. switching frequency	800 Hz
Max. output current	80 mA
Max. switching capacity DC	2.16 W
Voltage drop	≤3.5 V
Short-circuit protection	no
Overload protection	Not available
DC operating voltage range	12 V ... 27 V
Reverse polarity protection	no
Electrical connection	2-wire Cable
Connection outlet orientation	Longitudinal
Cable length	2.5 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	27.9 g
Housing material	Epoxy resin PC PET High-alloy stainless steel
Switching status indication	LED yellow

Feature	Value
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