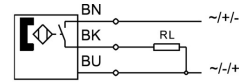


Proximity sensor SME-8-K-LED-24

Part number: 150855

FESTO



Data sheet

Feature	Value
Type code	SME
Design	for T-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 RoHS-compliant
Measuring principle	Magnetic reed
Ambient temperature	-40 °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. switching frequency	800 Hz
Max. output current	500 mA
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	0 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	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	30 g

Feature	Value
Housing material	Epoxy resin PC PET High-alloy stainless steel
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Degree of protection	IP65 IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3