Proximity sensor
SME-8-S-LED-24

Part number: 150857
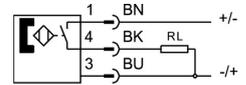
Data sheet

Feature	Value
Type code	SME
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991148
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	-40 ºC … 70 ºC
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
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
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-pin Cable with plug M8x1
Connection outlet orientation	Longitudinal
Material of pin contacts	Brass Nickel-plated
Cable length	0.3 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	8 g
Housing material	Epoxy resin PC PET High-alloy stainless steel

Feature	Value
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 ºC ... 70 ºC
Degree of protection	IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3