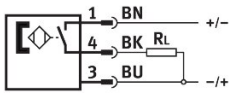
Proximity sensor
SME-8-S-LED-24

Part number: 150857





Data sheet

Feature	Value
Design	For T-slot
Conforms to standard	EN 60947-5-2
Approval	RCM
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS compliant
Instructions on use	Support / actuator-sensor overview "The right sensor for the actuator"
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-40 °C...70 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar
Switching element function	N/O contact
Reproducibility of switching value	+/-0.1 mm
Switch-on time	0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Max. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Inductive protective circuit	Adapted to MZ, MY, ME coils
Short circuit current rating	No
Overload protection	Not provided
Operational voltage range AC	12 V...30 V
Operational voltage range DC	12 V...30 V
Reverse polarity protection	No
Electrical connection 1, connection type	Plug
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	3
Electrical connection 1, type of mounting	Snap-locking

Feature	Value
	Screw-type lock Not rotatable
Electrical connection 1, compatible type of mounting	Compatible with latching lock Compatible with rotatable screw-type lock
Connection outlet orientation	In-line
Material electrical contact	Brass nickel-plated
Material connector housing	TPE-U(PU)
Cable length	0.3 m
Cable sheath colour	Grey
Material cable sheath	TPE-U(PUR)
Type of mounting	Clamped in T-slot Inserted into the slot lengthwise
Tightening torque	0.2 Nm
Mounting position	Any
Product weight	8 g
Housing colour	Black
Material housing	Epoxy resin Makrolon® PET High-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C...70 °C
Degree of protection	IP67
Insulation voltage	50 V
Immunity to surge	0.8 kV
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3