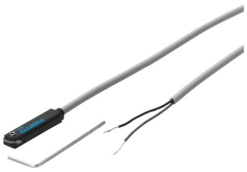
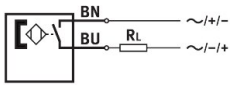
Proximity sensor
SME-8-K-24-S6

Part number: 161756





Data sheet

Feature	Value
Design	For T-slot
Conforms to standard	EN 60947-5-2
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS compliant
Application note	Only for fixed cable installation
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-40 °C...120 °C
Repetition accuracy	0.2 mm
Switching output	Contact-based, bipolar
Switching element function	N.O. contact
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
Minimum load current	0 mA
Short-circuit protection	No
Overload protection	Not available
Operating voltage range AC	0 V...30 V
DC operating voltage range	0 V...30 V
Reverse polarity protection	No
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	2
Connection outlet orientation	Longitudinal
Cable length	2.5 m

Feature	Value
Material of cable sheath	TPE-S
Type of mounting	Clamped in T slot Can be inserted in slot lengthwise
Tightening torque	0.2 Nm
Mounting position	Any
Product weight	50 g
Housing colour	Black
Housing material	Epoxy PET high-alloy stainless steel
Ambient temperature with flexible cable installation	-5 °C...120 °C
Degree of protection	IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Vibration resistance to DIN/IEC 68 Part 2-6	Tested as per severity level 2
Continuous shock resistance to DIN/IEC 68 Part 2-82	Tested as per severity level 2
LABS (PWIS) conformity	VDMA24364-B2-L
Contamination level	3