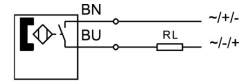
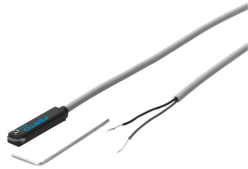


Proximity sensor SME-8-K-24-S6

Part number: 161756

FESTO



Data sheet

Feature	Value
Type code	SME
Electrical connection 1, connection technology	Open end
Electrical connection 1, connection type	Cable
Electrical connection 1, number of pins/wires	2
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991624
Note on materials	Free of copper and PTFE RoHS-compliant
Measuring principle	Magnetic reed
Ambient temperature	-40 °C ... 120 °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	0 V ... 30 V
DC operating voltage range	0 V ... 30 V
Reverse polarity protection	no
Connection outlet orientation	Longitudinal
Cable length	2.5 m
Material of cable sheath	TPE-S
Type of mounting	Clamped in T slot Can be inserted in slot lengthwise
Tightening torque	0.2 Nm
Product weight	50 g
Housing material	Epoxy resin PET High-alloy stainless steel
Ambient temperature with flexible cable installation	-5 °C ... 120 °C

Feature	Value
Degree of protection	IP67
Insulation voltage	50 V
Surge resistance	0.8 kV
Contamination level	3