

Proximity Sensor SME-10F-DS-24V-K0,3L-M8D

Part number: 525914

FESTO

Electrical, with reed contact, for drive units with 10 mm sensor slot, top mounting, with M8 plug.



Data sheet

Feature	Value
Design	for round slot
Conforms to standard	DIN EN 60947-5-2
Authorisation	c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 60 °C
Switch output	with contact, bipolar
Switching element function	Normally open 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. contact rating AC	10 VA
Max. contact rating DC	10 W
Voltage drop	0 V
Short circuit strength	No
Overload withstand capability	Not available
Operating voltage range AC	10 ... 30 V
Operating voltage range DC	10 ... 30 V
Polarity protected	No
Electrical connection	Cable with plug M8x1 3-pin
Connector exit direction	axial
Cable length	0.3 m
Materials information, cable sheaths	PUR
Mounting type	Clamped in T-slot Insertable in slot from above
Tightening torque	0.2 Nm
Product weight	6.7 g
Materials information, housing	Nickel plated Brass PPS TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature	-5 ... 60 °C
Protection class	IP65 IP67
Insulation voltage	50 V
Surge strength	0.8 kV
Degree of contamination	3