

# Proximity Sensor SME-10F-DS-24V-K2,5L-OE

Part number: 525913

FESTO

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



## 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 3-core
Connector exit direction	axial
Cable length	2.5 m
Materials information, cable sheaths	PUR
Mounting type	Clamped in T-slot Insertable in slot from above
Tightening torque	0.2 Nm
Product weight	15.4 g
Materials information, housing	PPS 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