

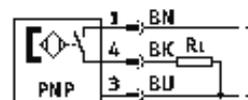
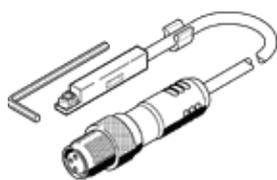
Proximity Sensor

SMT-10F-PS-24V-K0,3L-M5D

Part number: 539495

FESTO

Electrical, contactless, PNP, for drives with sensor slot type 10, assembly from above with M5 plug.



Data sheet

Feature	Value
Design	for round slot
Based on the standard	DIN EN 60947-5-2
Authorisation	C-Tick c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive low-voltage devices
Materials note	Free of copper and PTFE
Measured variable	Position
Measuring principle	Magnetoresistive
Ambient temperature	-20 ... 60 °C
Switch output	PNP/NPN
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	0.5 ms
Switch-off time	0.5 ms
Max. output current	200 mA
Max. contact rating DC	6 W
Voltage drop	2 V
Inductive protective circuit	Integrated
Residual current	0.01 mA
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	5 ... 30 V
Residual ripple	10 %
Polarity protected	for all electrical connections
Electrical connection	Cable with plug M5x0,5
Connector exit direction	axial
Material information for crimp connectors	Brass Gold plated
Cable length	0.3 m
Cable sheath colour	Grey
Cable type	LiFY11Y
Materials information, cable sheaths	PUR
Material information, isolating sleeve	PVC
Min. cable bending radius	24 mm
Mounting type	Clamped in round slot
Tightening torque	0.4 Nm
Assembly position	Any
Product weight	5 g
Housing colour	Black
Materials information, housing	PA
Operating status display	Yellow LED
Ambient temperature	-5 ... 60 °C
Protection class	IP65 IP67