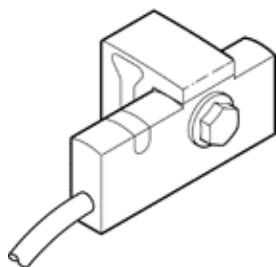# proximity sensor
SMT-C1-PS-24V-K-10,0-OE
Part number: 571340

FESTO

Data sheet

Feature	Value
Design	Block design
Based on the standard	EN 60947-5-2
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE Halogen-free
Measured variable	Position
Measuring principle	Magnetic inductive
Ambient temperature	-20 ... 70 °C
Switch output	PNP
Switching element function	Normally open contact
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	< 1.8 V
Short circuit strength	Pulsing
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Residual ripple	10 %
Polarity protected	for all electrical connections
Electrical connection	3-core Cable
Connector exit direction	axial
Cable length	10 m
Material cable sheath	TPE-O
Wire ends	Wire end ferrule
Mounting type	Clamped
Tightening torque	1.2 Nm
Assembly position	Any
Product weight	114.5 g
Material housing	Wrought Aluminium alloy Nickel-plated brass PP TPE-O TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-20 ... 70 °C
Protection class	IP65 IP68 to IEC 60529
Food-safe	See Supplementary material information