

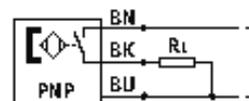
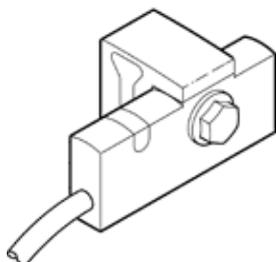
Proximity Sensor

SMT-C1-PS-24V-K2,5-OE

Part number: 540431

FESTO

For external position sensing, for CDN cylinders with sensor rail.



Data sheet

Feature	Value
Design	Block design
Based on the standard	EN 60947-5-2
Authorisation	C-Tick
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Cable halogen-free Free of copper and PTFE
Measured variable	Position
Measuring principle	Magnetic inductive
Measurement method	Absolute
Ambient temperature	-20 ... 70 °C
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	≤ 2 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	< 1.8 V
Inductive protective circuit	Adapted to MZ-, MY-, ME coils
Residual current	< 0.1 mA
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	2.5 m
Cable sheath colour	Grey
Cable type	Lif12Y33Y
Materials information, cable sheaths	TPE-O
Wire ends	Wire end ferrule
Mounting type	Clamped
Tightening torque	1.2 Nm
Assembly position	Any
Product weight	60 g
Housing colour	Black
Materials information, housing	Wrought Aluminium alloy PP TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature	-20 ... 70 °C
Protection class	IP65 IP67 to IEC 60529