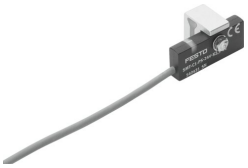
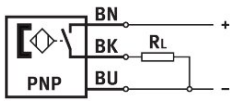
Proximity sensor
SMT-C1-PS-24V-K-5,0-OE

Part number: 571339





Data sheet

Feature	Value
Design	Block design
Based on norm	EN 60947-5-2
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS compliant Halogen-free
Application note	Support / actuator-sensor overview "The right sensor for the actuator"
Measured variable	Position
Measuring principle	Magneto-inductive
Ambient temperature	-20 °C...70 °C
Switching output	PNP
Switching element function	N.O. contact
Hysteresis	2 mm
On time	0.5 ms
Switch-off time	0.5 ms
Max. output current	200 mA
Max. switching capacity DC	6 W
Voltage drop	1.8 V
Inductive protective circuit	Adapted to MZ, MY and ME coils
Minimum load current	0 mA
Residual current	0.1 mA
Short-circuit protection	Yes
Overload protection	Yes
Rated operating voltage DC	24 V
DC operating voltage range	10 V...30 V
Residual ripple	10%
Reverse polarity protection	for all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end

Feature	Value
Electrical connection 1, number of pins/wires	3
Connection outlet orientation	Longitudinal
Cable length	5 m
Color cable sheath	Gray
Material of cable sheath	TPE-O
Wire ends	Wire ferrule
Type of mounting	Clamped
Tightening torque	1.2 Nm
Mounting position	Any
Product weight	65.9 g
Housing colour	Black
Housing material	Wrought aluminum alloy PP TPE-O TPE-U(PU) high-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with flexible cable installation	-20 °C...70 °C
Degree of protection	IP65 IP68 As per IEC 60529
LABS (PWIS) conformity	VDMA24364-B2-L
For use in the food industry	See supplementary material information