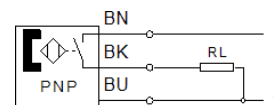
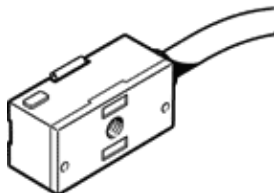


# proximity sensor SMT0-1-PS-K-LED-24-C

Part number: 151683

FESTO

With light emitting diode and integrated protective circuit, without mounting kit.



## 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 in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Materials note	Conforms to RoHS
Measured variable	Position
Measuring principle	Magnetic inductive
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	0.1 ... 1.5 mm
Switch-on time	≤ 1 ms
Switch-off time	≤ 1 ms
Max. switching frequency	1 kHz
Max. output current	200 mA
Max. contact rating DC	6 W
Voltage drop	≤ 3 V
Inductive protective circuit	Adapted to MZ-, MY-, ME coils
Residual current	≤ 0.01 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 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Connector exit direction	axial
Cable length	2.5 m
Cable attribute	Standard
Cable sheath colour	Grey
Material cable sheath	PVC
Material insulation	PVC
Wire ends	Wire end ferrule
Mounting type	with accessories
Assembly position	Any
Product weight	85 g
Housing colour	Black
Material housing	PET

Feature	Value
	Zinc die-casting
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP67
PWIS conformity	VDMA24364-B2-L