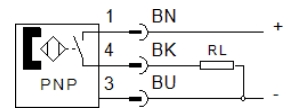
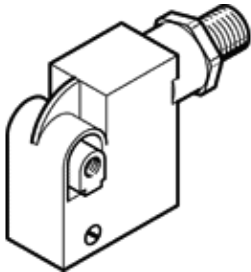


proximity sensor SMTSO-1-PS-S-LED-24

Part number: 30441

FESTO

in welding-field-immune design, with light emitting diode and integrated protective circuit, without mounting kit.



Data sheet

Feature	Value
Design	Block design
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Special characteristics	Welding field immune Resistant to welding spatter
Materials note	Free of copper and PTFE
Measured variable	Position
Measuring principle	Magnetic inductive
Ambient temperature	-25 ... 70 °C
Switch output	PNP
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	35 ms
Switch-off time	20 ms
Max. output current	200 mA
Max. contact rating DC	6 W
Voltage drop	3 V
Residual current	0.01 mA
Short circuit strength	Pulsing
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Connector exit direction	axial
Max.tightening torque plug	0.3 Nm
Mounting type	with accessories
Tightening torque	< 0.3 Nm
Product weight	70 g
Material housing	PA PUR Zinc die-casting
Ready status display	Green LED
Operating status display	Yellow LED
Protection class	IP67
Interference immunity to magnetic fields	50 - 60 Hz AC magnetic field