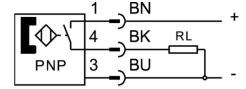


# Proximity sensor SMT0-8E-PS-S-LED-24

Part number: 171178

**FESTO**



## Data sheet

Feature	Value
Type code	SMT0
Electrical connection for input 1, connection pattern	00991155
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, connection type	Plug
Electrical connection 1, number of pins/wires	3
Design	for T-slot
Symbol	00991153
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	RoHS-compliant Free of copper and PTFE
Measuring principle	Magneto-resistive
Ambient temperature	-20 °C ... 60 °C
Switching output	PNP
Switching element function	N/O contact
Reproducibility of switching value	+/- 0.1 mm
On time	&le;1.3 ms
Switch-off time	&le;1.4 ms
Max. output current	100 mA
Max. switching capacity DC	2.8 W
Voltage drop	&le;1.8 V
Residual current	&le;0.01 mA
Short-circuit protection	yes
Overload protection	Available
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Connection outlet orientation	Transverse
Max. tightening torque plug	0.3 Nm
Type of mounting	Clamped in T slot Can be inserted in slot from above With accessories
Tightening torque	1 Nm
Product weight	12 g
Housing material	TPE-U(PU) Brass Nickel-plated
Switching status indication	LED yellow

Feature	Value
Degree of protection	IP67 IP65