

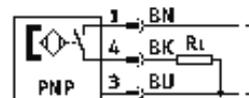
# Proximity Sensor

## SMT-8F-PS-24V-K0,3-M12

Part number: 525900

FESTO

Electrical, contactless, PNP, for drive units with 8 mm sensor slot, top mounting, with M12 plug.



## Data sheet

Feature	Value
Operating voltage range DC	10 ... 30 V
Switch output	PNP
Switching element function	Normally open contact
Max. output current	100 mA
Cable length	0.3 m
Electrical connection	4-pin Cable with plug M12x1
Design	for T-slot
Short circuit strength	Yes
Measuring principle	Magneto-resistive
Polarity protected	for all electrical connections
Operating status display	Yellow LED
Switch-off time	≤ 11 ms
Switch-on time	≤ 0.2 ms
Max. contact rating DC	3 W
Residual current	≤ 0.1 mA
Voltage drop	1.8 V
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Protection class	IP65 IP67
Ambient temperature	-5 ... 60 °C -20 ... 60 °C
Authorisation	c UL us - Listed (OL)
Product weight	20 g
Reproducibility of switching value	+/- 0,1 mm
Mounting type	Clamped in T-slot
Materials note	Free of copper and PTFE
Materials information, housing	PA
Materials information, cable sheaths	PUR