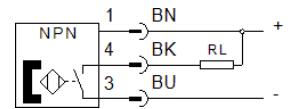
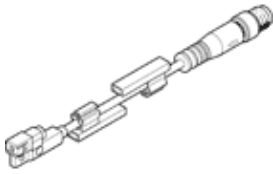


# proximity sensor SMT-8G-NS-24V-E-0,3Q-M8D

Part number: 8065027

FESTO

Magnetic, contactless, for T-slot.



## Data sheet

Feature	Value
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
KC mark	KC-EMV
Materials note	Conforms to RoHS
Measuring principle	Magneto-resistive
Ambient temperature	-20 ... 70 °C
Switch output	NPN
Switching element function	Normally open contact
Reproducibility of switching value	0,2 mm
Max. output current	100 mA
Max. contact rating DC	2.8 W
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Cable with plug
Electrical connection 1, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Screw lock
Connector exit direction	Lateral
Test conditions of cable	Bending strength according to Festo standard Test conditions on request Chain link trunking: 5 million cycles, bending radius 28 mm Torsion resistance: > 300,000 cycles, ±270°/0.1 m
Cable length	0.3 m
Cable attribute	Energy chain + robot
Material cable sheath	TPE-U(PU)
Mounting type	Clamped in T-slot Insertable into slot lengthwise
Material housing	PA-reinforced
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP68