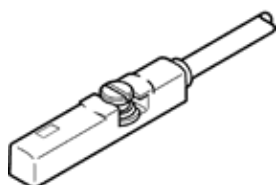


# Proximity Sensor

## SDBT-MSB-1L-PU-K-0.3-M8

Part number: 8150174

FESTO



## Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-2
Authorization	RCM Mark
CE symbol (see declaration of conformity)	according to EU-EMV guideline in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
KC mark	KC-EMV
Special characteristics	Oil resistant
Materials note	Conforms to RoHS Halogen-free Free of copper
Measured variable	Position
Measuring principle	Magnetostrictive
Ambient temperature	-10 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	PNP
Switching element function	Normally open contact
Switch-on time	≤ 2.5 ms
Switch-off time	≤ 2.5 ms
Max. switching frequency	480 Hz
Max. output current	100 mA
Max. contact rating DC	3 W
Voltage drop	≤ 0.5 V
Short circuit strength	No
Overload withstand capability	Not available
Nominal operating voltage DC	24 V
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	axial
Cable length	0.3 m
Cable attribute	Standard Suitable for energy chains
Material cable sheath	PUR
Material insulation	PP
Mounting type	Tightened Insertable in slot from above
Max. tightening torque	0.3 Nm
Assembly position	Any
Product weight	9.5 g
Material housing	PC
Material of union nut	High alloy steel, non-corrosive

Feature	Value
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-10 ... 70 °C
Protection class	IP67 to IEC 60529
PWIS conformity	VDMA24364 zone III