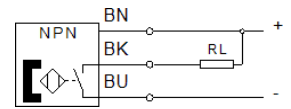
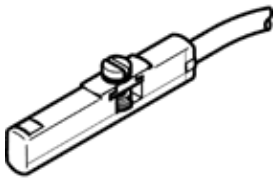


# proximity sensor SDBC-MSB-1L-NU-K-2-LE

Part number: 8139724

FESTO



## Data sheet

Feature	Value
Design	for round slot
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC 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
Instructions for use	Cable flame-protected and flame-retardant to UL Standard 758 Horizontal Flame Test, does not comply with fire protection according to IEC 61010-1:2017, Edition 3.1, Section 9.3.
Variants	Recommended for production facilities for the manufacture of lithium- ion batteries
Measured variable	Position
Measuring principle	Magneto-resistive
Ambient temperature	-10 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	NPN
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
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Connector exit direction	axial
Cable length	2 m
Cable attribute	Standard Suitable for energy chains
Material cable sheath	PUR
Material insulation	PP
Wire ends	Cut off bluntly
Mounting type	Tightened Insertable in slot from above
Max. tightening torque	0.2 Nm

<b>Feature</b>	<b>Value</b>
Assembly position	Any
Product weight	18.5 g
Material housing	PC
Material of union nut	High alloy steel, non-corrosive
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
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4