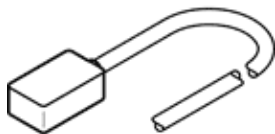


# proximity sensor SDBF-FES-1L-NU-K-N-M8

Part number: 8182049

FESTO



## Data sheet

Feature	Value
Design	Block design
Materials note	Conforms to RoHS
Measured variable	Position
Measuring principle	Magnetostrictive
Ambient temperature	-4 ... 176 °F
Switch output	NPN
Switching element function	Normally open contact
Switch-on time	4 µs
Max. output current	500 mA
Max. contact rating DC	12 W
Voltage drop	1 V
Short circuit strength	Yes
Operating voltage range DC	6 ... 24 V
Polarity protected	Yes
Electrical connection 1, connection type	Cable with socket
Electrical connection 1, connection technology	M8x1, A-coded to EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Connector exit direction	axial
Cable sheath colour	Grey
Material cable sheath	PVC
Mounting type	With mounting kit
Assembly position	Any
Housing colour	transparent
Material housing	PA
Operating status display	LED
Ambient temperature with flexible cable installation	-4 ... 176 °F
Protection class	IP67 NEMA 4
PWIS conformity	VDMA24364 zone III