

Proximity switch SDBF-FES-1L-NU-K-N-M8

Part number: 8182049

FESTO



Data sheet

Feature	Value
Design	Block design
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Magneto-resistive
Ambient temperature	-4 °F...176 °F
Switching output	NPN
Switching element function	N/O contact
Switch-on time	4 µs
Max. output current	500 mA
Max. switching capacity DC	12 W
Voltage drop	1 V
Short circuit current rating	yes
Operational voltage range DC	6 V...24 V
Reverse polarity protection	yes
Electrical connection 1, connection type	Cable with socket
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	3
Connection outlet orientation	In-line
Cable sheath colour	Grey
Material cable sheath	PVC
Type of mounting	Via mounting kit
Mounting position	optional
Housing colour	Transparent
Material housing	PA
Switching status indication	LED
Ambient temperature with moving cable	-4 °F...176 °F
Degree of protection	IP67 NEMA 4
LABS (PWIS) conformity	VDMA24364 zone III