Proximity switch
SDBF-FDS-1L-PU-K-N-M12

Part number: 8161169



Data sheet

Feature	Value
Design	Block design
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Magneto-resistive
Ambient temperature	-20 °C...80 °C -4 °F...176 °F
Switching output	PNP
Switching element function	N/O contact
Switch-on time	1.5 µs
Switch-off time	0.5 µs
Max. output current	1 A
Max. switching capacity DC	24 W
Voltage drop	0.5 V
Short circuit current rating	no
Operational voltage range DC	6 V...24 V
Reverse polarity protection	no
Electrical connection 1, connection type	Cable with socket
Electrical connection 1, connector system	M12x1, A-coded to EN 61076-2-101
Electrical connection 1, number of connections/cores	3
Connection outlet orientation	Lateral
Cable sheath colour	Grey
Material cable sheath	PVC
Type of mounting	Clamped
Mounting position	optional
Housing colour	Black
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