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

Part number: 8161170



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
Ambient temperature Fahrenheit	-4 °F...176 °F
Switching output	NPN
Switching element function	N.O. contact
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 protection	No
DC operating voltage range	6 V...24 V
Reverse polarity protection	No
Electrical connection 1, connection type	Cable with socket
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, number of pins/wires	3
Connection outlet orientation	Transverse
Color cable sheath	Gray
Material of cable sheath	PVC
Type of mounting	Clamped
Mounting position	Any
Housing colour	Black
Housing material	PA
Switching status indication	LED
Ambient temperature with flexible cable installation	-4 °F...176 °F
Degree of protection	IP67 NEMA 4
LABS (PWIS) conformity	VDMA24364 Zone III