Proximity switch
SDBF-FBS-1L-NU-K-0.5-N-M8

Part number: 8106578



Data sheet

Feature	Value
Design	For dovetail slot
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	200 mA
Max. switching capacity DC	4.8 W
Voltage drop	1 V
Short circuit current rating	yes
Operational voltage range DC	5 V...28 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	60°
Cable sheath colour	Black
Material cable sheath	PVC
Type of mounting	Screw-clamped Insertable in the slot lengthwise
Mounting position	optional
Housing colour	Transparent
Switching status indication	LED
Ambient temperature with moving cable	-20 °C...80 °C
Degree of protection	NEMA 6
LABS (PWIS) conformity	VDMA24364 zone III