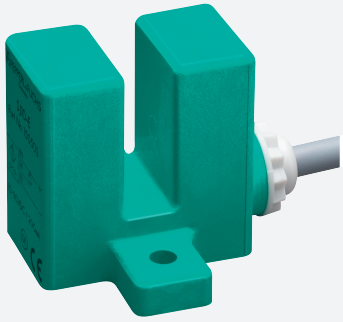
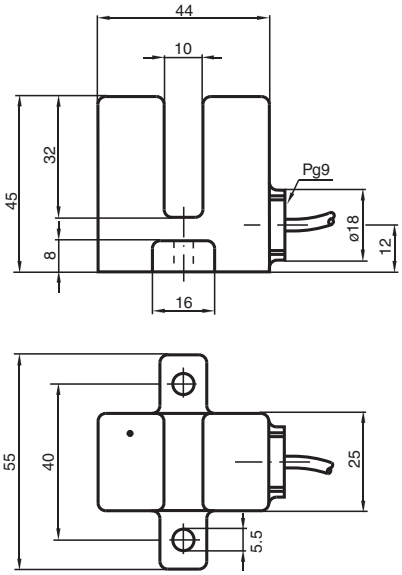


Inductive slot sensor

SJ10-E2

- 10 mm slot width
- 3-wire DC

Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Slot width		10 mm
Depth of immersion (lateral)		13.5 ... 16.5 mm
Output polarity		DC
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 1000 Hz
Hysteresis	H	typ. 5%
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V

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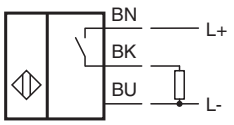
Technical Data

Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 15 mA
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed Load Type: General Purpose Circuitry: Class 2 Power Source Enclosure Type Rating: Type 1 Supply/Switching Voltage: 30 V DC Output Switching Current: 200 mA
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		PBT
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		6.4 mm ± 0.2 mm
Bending radius		> 10 x cable diameter
Material		PVC
Color		Gray
Number of cores		3
Core cross section		0.75 mm^2
Length	L	2 m
Mass		220 g
Tightening torque, fastening screws		3 Nm
Dimensions		
Height		45 mm
Width		55 mm
Length		44 mm

Connection Assignment



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