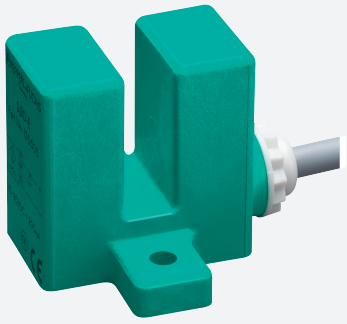
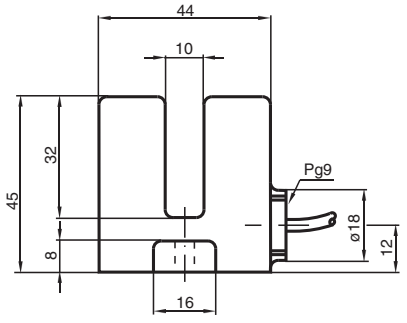


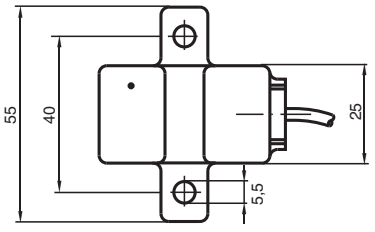
Inductive slot sensor

SJ10-E

- 10 mm slot width
- 3-wire DC

Dimensions





Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		NPN
Slot width		10 mm
Depth of immersion (lateral)		13.5 ... 16.5 mm
Output polarity		DC
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

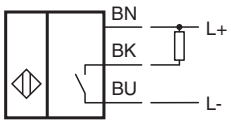
Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 015050_eng.pdf

ПРОМЭЛЕКТРОНИКА / sales@prom-elec.com

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 60947-5-2:2007 IEC 60947-5-2:2007
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
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 PVC , 2 m
Core cross-section		0.75 mm^2
Housing material		PBT
Degree of protection		IP67

Connection



Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 015050_eng.pdf