

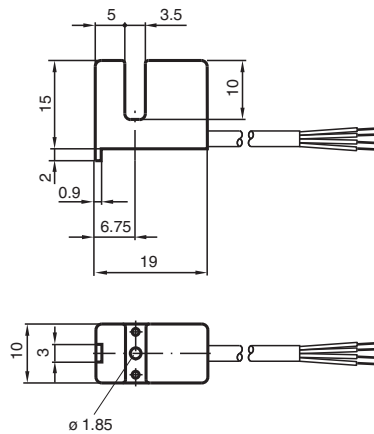


Inductive slot sensor SB3,5-A2

- 3.5 mm slot width
- 4-wire DC



Dimensions



Technical Data

General specifications			
Switching function			complementary
Output type			PNP
Slot width			3.5 mm
Depth of immersion (lateral)			5 ... 7 mm
Output polarity			DC
Output type			3-wire
Nominal ratings			
Operating voltage	U_B		10 ... 30 V DC
Switching frequency	f		0 ... 3000 Hz
Hysteresis	H		0.1 ... 0.4 mm
Reverse polarity protection			reverse polarity protected
Short-circuit protection			pulsing
Voltage drop	U_d		≤ 2 V
Operating current	I_L		0 ... 100 mA
No-load supply current	I_0		≤ 15 mA
Compliance with standards and directives			
Standard conformity			
Standards			EN IEC 60947-5-2

Release date: 2024-05-27 Date of issue: 2024-05-28 Filename: 128588_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 85 °C (-13 ... 185 °F)
Mechanical specifications		
Connection type		cablc PVC , 500 mm
Core cross section		0.14 mm²
Housing material		Crastin (PBTB)
Degree of protection		IP67
Cable		
Cable diameter		3 mm + 0.3 mm
Bending radius		> 10 x cable diameter
Dimensions		
Height		15 mm
Width		10 mm
Length		19 mm

Connection

