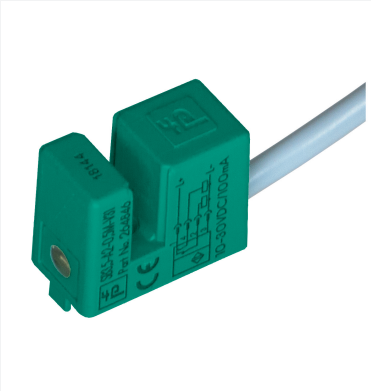
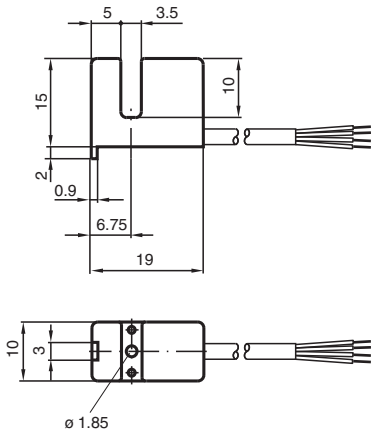


Inductive slot sensor

SB3,5-A2

- 3.5 mm slot width
- 4-wire DC

Dimensions



Technical Data

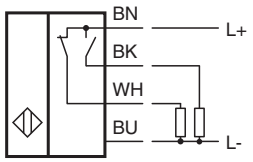
General specifications		
Switching function		complementary
Output type		PNP
Slot width		3.5 mm
Depth of immersion (lateral)		5 ... 7 mm
Output polarity		DC
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	10 ... 30 V DC
Switching frequency	f	0 ... 3000 Hz
Hysteresis	H	0.1 ... 0.4 mm
Reverse 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

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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		cable
Housing material		Crastin (PBTB)
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		3 mm + 0.3 mm
Bending radius		> 10 x cable diameter
Material		PVC
Color		grey
Number of cores		4
Core cross section		0.14 mm²
Length	L	500 mm
Dimensions		
Height		15 mm
Width		10 mm
Length		19 mm

Connection



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