



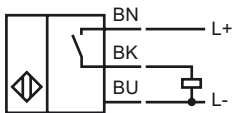
**Model Number**

SB3,5-E2

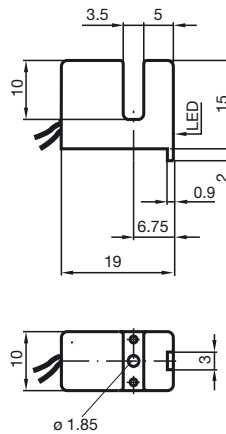
**Features**

- 3.5 mm slot width
- 3-wire DC

**Connection**



**Dimensions**



**Technical Data**

**General specifications**

Switching element function	PNP	NO
Slot width	3.5 mm	
Depth of immersion (lateral)	5 ... 7 mm	
Output polarity	DC	

**Nominal ratings**

Operating voltage	$U_B$	10 ... 30 V DC
Switching frequency	$f$	0 ... 2000 Hz
Hysteresis	$H$	0 ... 0.6 mm
Reverse polarity protected	reverse polarity protected	
Short-circuit protection	pulsing	
Voltage drop	$U_d$	$\leq 3$ V
Operating current	$I_L$	0 ... 100 mA
No-load supply current	$I_0$	$\leq 15$ mA
Indication of the switching state	LED, yellow	

**Ambient conditions**

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
---------------------	--------------------------------

**Mechanical specifications**

Connection type	flexible leads LIY, 500 mm
Core cross-section	0.14 mm <sup>2</sup>
Housing material	PBT
Protection degree	IP67

**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	Products with a maximum operating voltage of $\leq 36$ V do not bear a CCC marking because they do not require approval.

Release date: 2011-07-27 11:42 Date of issue: 2011-07-27 11:0941\_eng.xml