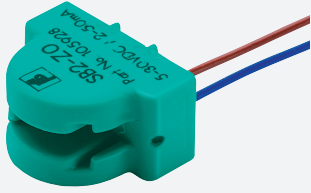


Inductive slot sensor

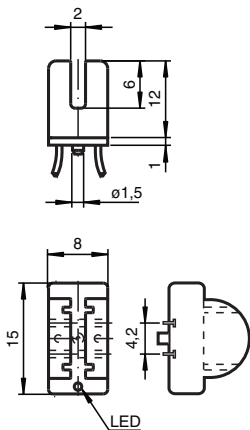
SB2-Z0 GELB



- 2 mm slot width
- Basic series
- 2-wire sensor



Dimensions



Technical Data

General specifications

Switching function	Normally open (NO)	
Output type	Two-wire	
Slot width	2 mm	
Depth of immersion (lateral)	5 ... 7	
Installation	non-flush	
Output polarity	DC	

Nominal ratings

Operating voltage	U _B	5 ... 30 V DC
Switching frequency	f	0 ... 2000 Hz
Hysteresis	H	0 ... 0.05 mm
Reverse polarity protection	reverse polarity tolerant	
Short-circuit protection	pulsing	

Technical Data

Voltage drop	U_d	$\leq 4.9 \text{ V}$
Operating current	I_L	2 ... 50 mA
Off-state current	I_r	0 ... 0.5 mA typ.
Switching state indicator		LED, yellow
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 $\leq 36 \text{ V}$
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		flexible leads LIFYW , 500 mm
Core cross-section		0.06 mm ²
Housing material		PBT
Degree of protection		IP67

Connection

