

CE

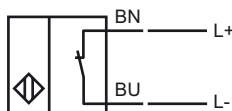
Model Number

SC3,5-N0

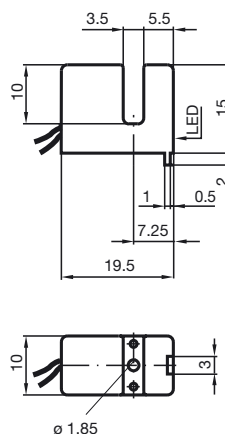
Features

- 3.5 mm slot width

Connection



Dimensions



Technical Data

General specifications

Switching element function	NAMUR, NC
Slot width	3.5 mm
Depth of immersion (lateral)	5 ... 7 typ. 6 mm
Installation	
Output polarity	NAMUR

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	5 ... 25 V
Switching frequency	f	0 ... 3000 Hz
Hysteresis	H	0.41 ... 0.6
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA
Indication of the switching state		LED, yellow

Standard conformity

EMC in accordance with	IEC / EN 60947-5-2:2004; NE 21
Standards	DIN EN 60947-5-6 (NAMUR)

Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
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Mechanical specifications

Core cross-section	0.14 mm ²
Housing material	PBT
Protection degree	IP67

ATEX

Data for Ex areas

Effective internal inductivity	C_i	$\leq 100 \text{ nF}$
Effective internal inductance	L_i	$\leq 150 \text{ }\mu\text{H}$

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