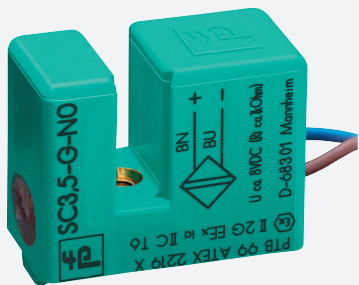


Inductive slot sensor

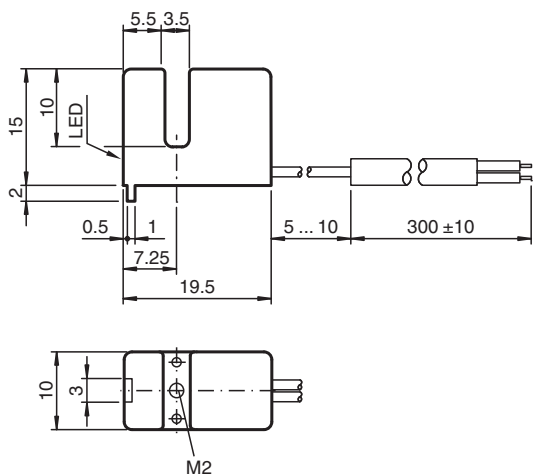
SC3,5-G-N0-Y245463



■ Comfort series



Dimensions



Technical Data

General specifications		
Switching function		Normally closed (NC)
Output type		NAMUR
Slot width		3.5 mm
Depth of immersion (lateral)		5 ... 7 typ. 6 mm
Output type		2-wire
Nominal ratings		
Nominal voltage	U _o	8 V
Operating voltage	U _B	5 ... 25 V
Switching frequency	f	0 ... 3000 Hz
Hysteresis	H	0 ... 0.6 mm
Suitable for 2:1 technology		yes , Reverse polarity protection diode not required
Current consumption		
Measuring plate not detected		≥ 3 mA at nominal voltage
Measuring plate detected		≤ 1 mA at nominal voltage
Switching state indicator		LED, yellow

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

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PEPPERL+FUCHS

Technical Data

Compliance with standards and directives

Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Electromagnetic compatibility		NE 21:2007
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012

Approvals and certificates

UL approval		cULus Listed, General Purpose
Ordinary Location		E87056
Hazardous Location		E501628
Control drawing		116-0453
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V

Ambient conditions

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

Connection type		cabl PVC , 400 mm
Core cross-section		0.14 mm ²
Housing material		PBT
Degree of protection		IP67
Cable		
Bending radius		> 10 x cable diameter

General information

Use in the hazardous area		see instruction manuals
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Connection

