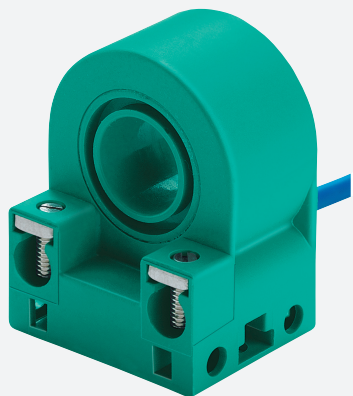


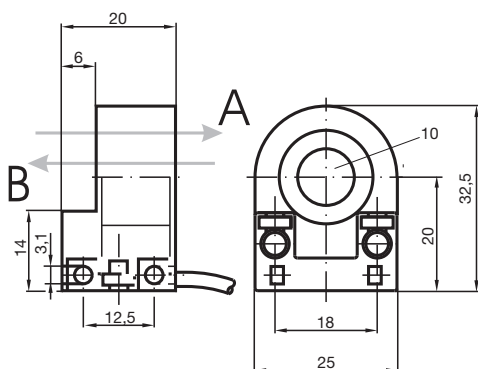


Inductive ring sensor RC10-14-N3-Y110970

- 10 mm inside diameter
- Comfort series
- Bistable
- Direction detection



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)
Output type	NAMUR, bistable
Inside diameter	10 mm
Measuring cylinder	
Diameter	2.5 mm
Length	3 mm
Measuring cone	
Material	9S20K
Output type	2-wire

Nominal ratings

Nominal voltage	U _o	8 V
Hysteresis	H	typ. 1 %

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

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PEPPERL+FUCHS

Technical Data

Reverse polarity protection	reverse polarity protected	
Current consumption		
Traverse B		3 mA
Traverse A		1 mA
Time delay before availability	t_v	$\leq 5 \text{ ms}$
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
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
Ambient conditions		
Ambient temperature		-20 ... 100 °C (-4 ... 212 °F)
Mechanical specifications		
Connection type		cablc PVC , 2 m
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

Connection

