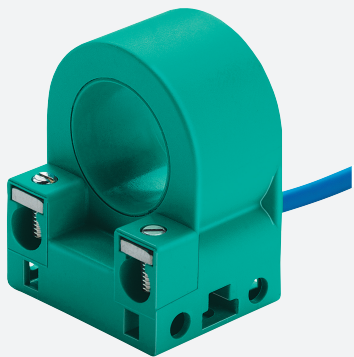




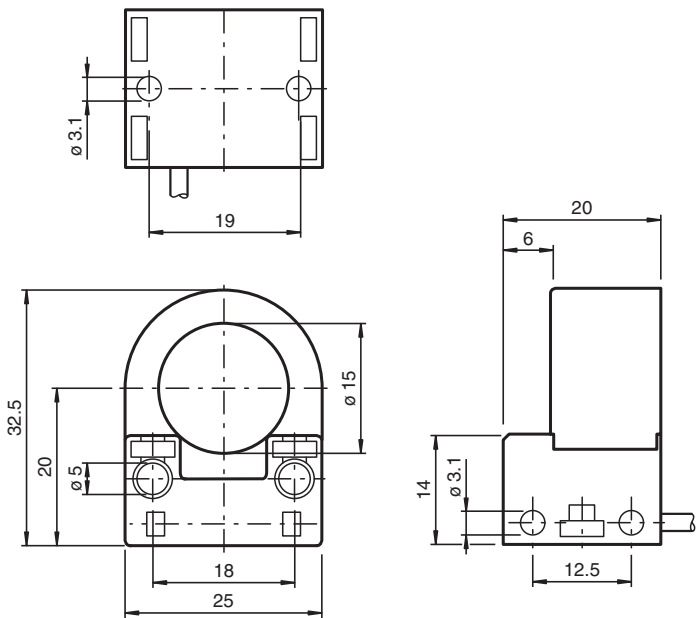
Inductive ring sensor

RJ15-14-N

■ 15 mm inside diameter



Dimensions



Technical Data

General specifications			
Switching function		Normally closed (NC)	
Output type		NAMUR	
Inside diameter		15 mm	
Measuring cylinder		9S20K	
Diameter		3 mm	
Length		6 mm	
Output type		2-wire	
Nominal ratings			
Nominal voltage	U _o	8.2 V (R _i approx. 1 kΩ)	
Operating voltage	U _B	5 ... 25 V	

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

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PEPPERL+FUCHS

Technical Data

Switching frequency	f	0 ... 1500 Hz
Current consumption		
Measuring plate not detected		≥ 3 mA at nominal voltage
Measuring plate detected		≤ 1 mA at nominal voltage
Functional safety related parameters		
MTTF _d		10800 a
Mission Time (T _M)		20 a
Diagnostic Coverage (DC)		0 %
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
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
CSA approval		cCSAus Listed, General Purpose
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °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

