

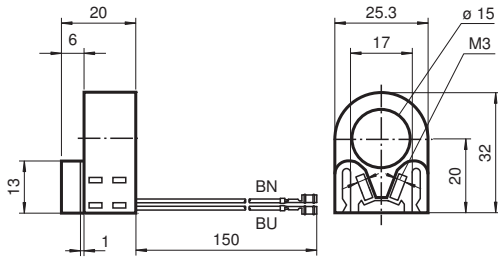
Inductive ring sensor

RC15-14-N0-Y95903

- 15 mm inside diameter
- Comfort series



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)
Output type	NAMUR
Inside diameter	15 mm
Measuring cone	6 mm, 1.4305 / AISI 303
Output type	2-wire

Nominal ratings

Nominal voltage	U_o	8 V
Operating voltage	U_B	5 ... 25 V
Switching frequency	f	0 ... 1500 Hz
Current consumption		
Measuring plate not detected		min. 3 mA
Measuring plate detected		≤ 1 mA

Functional safety related parameters

MTTF _d	5990 a
Mission Time (T _M)	20 a
Diagnostic Coverage (DC)	0 %

Compliance with standards and directives

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

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PEPPERL+FUCHS

Technical Data

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	
ATEX approval	
Equipment protection level Gb	PTB 99 ATEX 2128 X
UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
Ambient conditions	
Ambient temperature	-20 ... 65 °C (-4 ... 149 °F)
Storage temperature	-40 ... 100 °C (-40 ... 212 °F)
Mechanical specifications	
Connection type	cable PVC , 150 mm Crimp terminal sockets 60888-3, AMP
Core cross-section	0.14 mm ²
Housing material	PBT
Degree of protection	IP67
Mass	18 g
General information	
Use in the hazardous area	see instruction manuals

Connection

