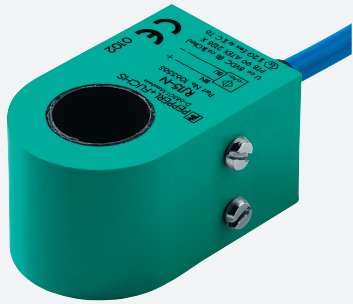


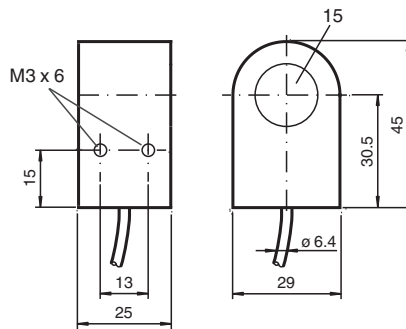


Inductive ring sensor RJ15-N

- 15 mm inside diameter



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)	
Output type	NAMUR	
Inside diameter	15 mm	
Measuring cylinder		
Diameter	3 mm	
Length	4 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
Switching frequency	f	0 ... 1500 Hz
Current consumption		

Technical Data

Measuring plate not detected	≥ 3 mA at nominal voltage
Measuring plate detected	≤ 1 mA at nominal voltage
Functional safety related parameters	
MTTF _d	9340 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	
FM approval	
Control drawing	116-0165
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

