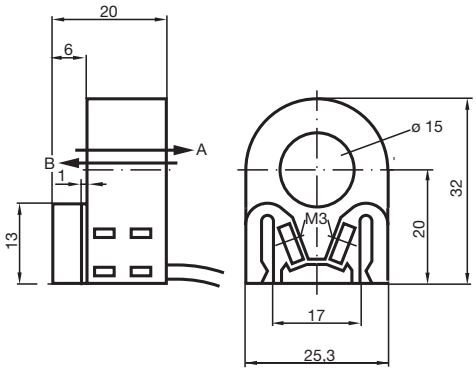
Inductive ring sensor

RB15-14-E2-BI-Y97927

- 15 mm inside diameter
- Basic series
- Bistable
- Direction detection

Dimensions



Technical Data

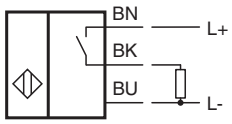
General specifications		
Switching function		Normally open (NO)
Output type		PNP
Installation		
Output polarity		DC
Inside diameter		15 mm
Measuring cone		6 mm
Material		1.4401
Passage speed	v	≤ 10 m/s
Nominal ratings		
Operating voltage	U_B	10 ... 30 V
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Output voltage		
Traverse A		1 V
Traverse B		U_B - 3 V
Power ON		1 V
Voltage drop	U_d	≤ 1.5 V

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Operating current	I_L	0 ... 100 mA
No-load supply current	I_0	≤ 10 mA
Compliance with standards and directives		
Standard conformity		
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		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PUR , 2 m
Core cross-section		0.14 mm²
Cable diameter		3 mm
Housing material		PBT
Degree of protection		IP67

Connection



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