

Inductive ring sensor

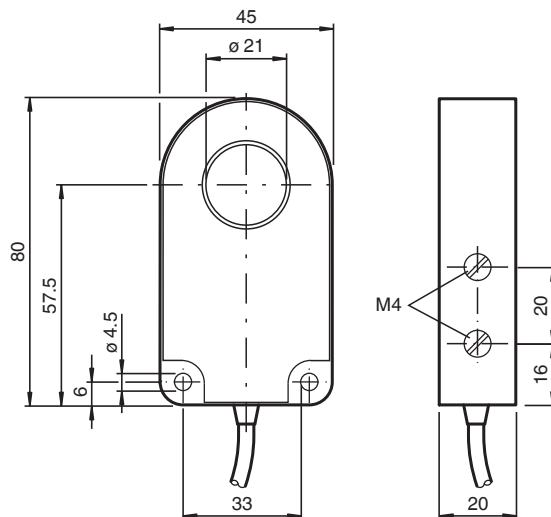
RJ21-E2



- 21 mm inside diameter
- 3-wire DC



Dimensions



Technical Data

General specifications

Switching function	Normally open (NO)	
Output type	PNP	
Installation		
Output polarity	DC	
Inside diameter	21 mm	
Measuring cylinder		
Diameter	6 mm	
Length	12 mm	
Material	Steel 1.0711	

Nominal ratings

Operating voltage	U _B	10 ... 30 V DC
Switching frequency	f	0 ... 1000 Hz

Release date: 2020-03-20 Date of issue: 2020-03-30 Filename: 013004_eng.pdf

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

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Technical Data

Hysteresis	H	typ. 5%
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	$\leq 3 \text{ V}$
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	$\leq 20 \text{ mA}$
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 PVC , 2 m
Core cross-section		0.34 mm ²
Housing material		PBT
Degree of protection		IP67

Connection

