

Inductive ring sensor

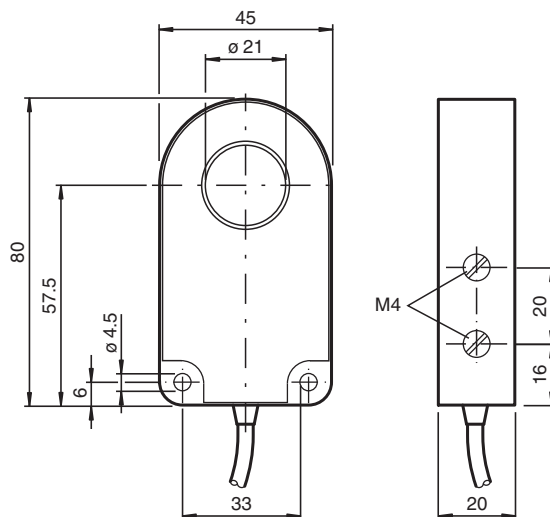
RJ21-E2



- 21 mm inside diameter
- 3-wire DC



Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		PNP
Output polarity		DC
Inside diameter		21 mm
Measuring cylinder		
Diameter		6 mm
Length		12 mm
Material		Steel 1.0711
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	10 ... 30 V DC
Switching frequency	f	0 ... 1000 Hz
Hysteresis	H	typ. 5%
Reverse polarity protection		reverse polarity protected

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

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Technical Data

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 IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		PBT
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		4.6 mm $\pm$ 0.2 mm
Bending radius		> 10 x cable diameter
Material		PVC
Color		grey
Number of cores		3
Core cross section		0.34 mm ²
Length	L	2 m
Dimensions		
Height		80 mm
Width		45 mm
Length		20 mm

Connection

