

Inductive analog sensor

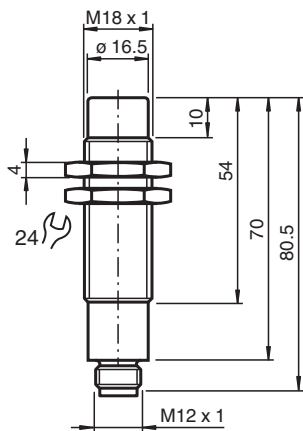
ANT2-8 2084/85 V1



- Inductive analog
- Output 0 V ... 10 V
- Output 0 mA ... 20 mA
- Non-flush mountable



Dimensions



Technical Data

General specifications		
Output type		Analog current output or analog voltage output
Installation		non-flush
Output polarity		DC
Measurement range		2 ... 8 mm
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	18 ... 30 V
Output signal		0 ... 20 mA 0 ... 10 V
Reverse polarity protection		reverse polarity protected
Linearity error		± 0.5 %
Temperature drift		≤ 0.2 % / K v.E.
Repeat accuracy		< 0.02 mm
No-load supply current	I ₀	≤ 15 mA
Load resistor		voltage output: ≥ 4,7 kΩ current output: ≤ 200 Ω
Compliance with standards and directives		

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

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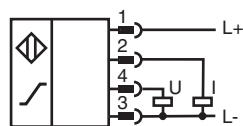
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Technical Data

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007 EN 60947-5-7:2003 IEC 60947-5-7:2003
Approvals and certificates	
CCC approval	CCC approval / marking not required for products rated ≤36 V
Ambient conditions	
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications	
Connection type	M12 x 1
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67

Connection



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