

Inductive analog sensor

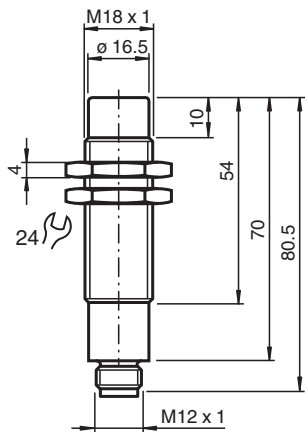
ANT2-8 2084/85 V1



- 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		$\pm 0.5 \%$
Temperature drift		$\leq 0.2 \% / K$ v.E.
Repeat accuracy		$< 0.02 \text{ mm}$
No-load supply current	I_0	$\leq 16.25 \text{ mA}$
Load resistor		voltage output: $\geq 4,7 \text{ k}\Omega$ current output: $\leq 200 \Omega$

Electrical specifications

Linearity		$\pm 5 \%$ v.E.
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Compliance with standards and directives

Release date: 2024-05-28 Date of issue: 2024-06-07 Filename: 409633_eng.pdf

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

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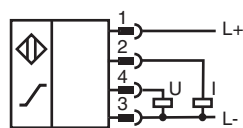
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 **PEPPERL+FUCHS**

Technical Data

Standard conformity		
Standards	EN IEC 60947-5-2	
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
Dimensions		
Length		70 mm
Diameter	18 mm	

Connection



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