

Inductive analog sensor

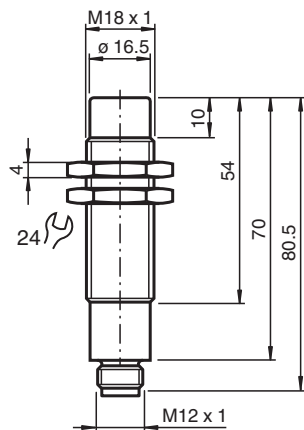
ANT2-8 2084/85 V1



- 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		$\leq 0.2 \% / K \text{ v.E.}$
Repeat accuracy		$< 0.02 \text{ mm}$
No-load supply current	I_0	$\leq 15 \text{ mA}$
Load resistor		voltage output: $\geq 4,7 \text{ k}\Omega$ current output: $\leq 200 \Omega$

Compliance with standards and directives

Release date: 2020-03-24 Date of issue: 2020-03-30 Filename: 409633_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

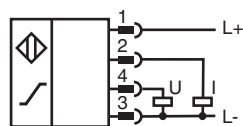
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

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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