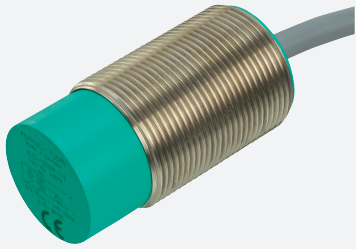


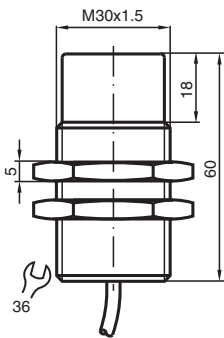
Inductive analog sensor NBN15-30GM60-I3-5M



- Inductive analog
- Output 0 mA ... 20 mA
- Non-flush



Dimensions



Technical Data

General specifications		
Output type		Analog current output
Installation		non-flush
Output polarity		DC
Measurement range		5 ... 15 mm
Output type		3-wire
Nominal ratings		
Operating voltage	U _B	15 ... 30 V DC
Repeat accuracy		0 ... 200 μm
No-load supply current	I ₀	≤ 12 mA
Analog output		
Output type		0 ... 20 mA
Slope of output characteristic		2 mA / mm
Linearity error		≤ ± 5 % of full-scale value
Load resistor		≤ 500 Ω
Rate of current rise		
0 ... 20 mA		≤ 17.5 A/s

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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

20 ... 0 mA	≤ 16.4 A/s
Temperature drift	≤ ± 0.15 %/K of the measured value
Residual ripple	± 125 µA
Compliance with standards and directives	
Standard conformity	
Standards	EN IEC 60947-5-2
Approvals and certificates	
UL approval	cULus Listed, General Purpose
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	cable PVC , 5 m
Core cross section	0.75 mm²
Housing material	Stainless steel V2A
Sensing face	PBT
Degree of protection	IP67
Cable	
Cable diameter	6.4 mm ± 0.2 mm
Bending radius	> 10 x cable diameter
Dimensions	
Length	60 mm
Diameter	30 mm

Connection

