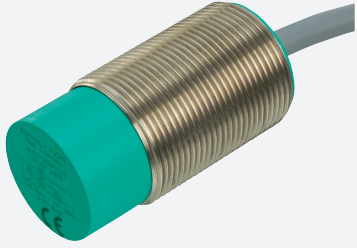


Inductive analog sensor

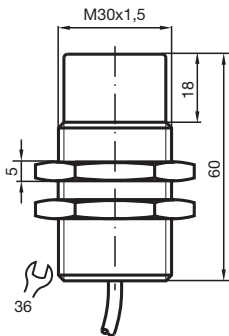
NBN15-30GM60-I3-5M



- 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 μ m
No-load supply current	I_0	\leq 12 mA

Analog output

Output type	0 ... 20 mA
Slope of output characteristic	2 mA / mm
Linearity error	$\leq \pm 5$ % of full-scale value

Release date: 2022-06-30 Date of issue: 2022-06-30 Filename: 282839_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

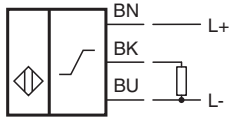
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Technical Data

Load resistor		≤ 500 Ω
Rate of current rise		
0 ... 20 mA		≤ 17.5 A/s
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 60947-5-2:2007 IEC 60947-5-2:2007 EN 60947-5-7:2003 IEC 60947-5-7:2003
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 mm ²
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

Connection



Accessories

	BF 30	Mounting flange, 30 mm
---	--------------	------------------------