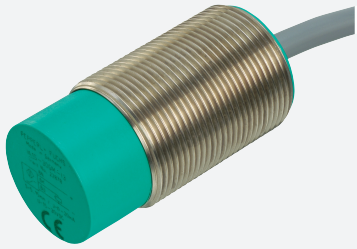


# Inductive analog sensor

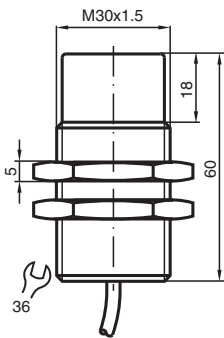
## NBN15-30GM60-I3



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



### Dimensions



### Technical Data

General specifications		
Output type		Analog current output
Installation		non-flush
Output polarity		DC
Measuring range		5 ... 15 mm
Output type		3-wire
Nominal ratings		
Operating voltage	$U_B$	15 ... 30 V DC
Repeat accuracy		0 ... 200 $\mu$ 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
Load resistor		$\leq 500 \Omega$
Rate of current rise		
0 ... 20 mA		$\leq 17.5$ A/s

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

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## Technical Data

20 ... 0 mA	≤ 16.4 A/s	
Temperature drift	≤ ± 0.15 %/K of the measured value	
Residual ripple	± 125 µA	
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards	EN IEC 60947-5-2	
<b>Approvals and certificates</b>		
UL approval	cULus Listed, General Purpose	
CCC approval	CCC approval / marking not required for products rated ≤36 V	
<b>Ambient conditions</b>		
Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)	
<b>Mechanical specifications</b>		
Connection type	cable	
Housing material	Stainless steel V2A	
Sensing face	PBT	
Degree of protection	IP67	
Cable		
Wire end ferrules	yes	
Cable diameter	6.4 mm ± 0.2 mm	
Bending radius	> 10 x cable diameter	
Material	PVC	
Color	grey	
Number of cores	3	
Core cross section	0.75 mm <sup>2</sup>	
Length	L	2 m
Dimensions		
Length	60 mm	
Diameter	30 mm	

## Connection

