



Model Number

NBN15-30GM60-I3

Features

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

Accessories

BF 30
Mounting flange, 30 mm

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 5 % of full-scale value
Load resistor	\leq 500 Ω
Rate of current rise	
0 ... 20 mA	\leq 17.5 A/s
20 ... 0 mA	\leq 16.4 A/s
Temperature drift	\pm 0.15 %/K of the measured value
Residual ripple	\pm 125 μ A

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Connection type	cable PVC , 2 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 \pm 0.2 mm
Bending radius	$>$ 10 x cable diameter

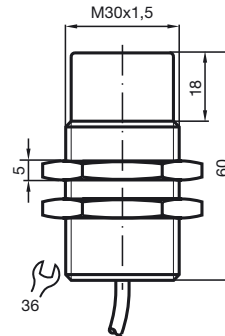
Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007 EN 60947-5-7:2003 IEC 60947-5-7:2003

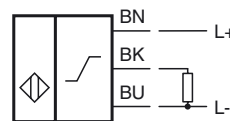
Approvals and certificates

UL approval	cULus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated \leq 36 V

Dimensions



Electrical Connection



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