



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

### Ambient conditions

Ambient temperature	-25 ... 70 $^{\circ}$ C (-13 ... 158 $^{\circ}$ F)
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### Mechanical specifications

Connection type	cable PVC , 2 m
Core cross-section	0.75 mm <sup>2</sup>
Housing material	Stainless steel V2A
Sensing face	PBT
Degree of protection	IP67

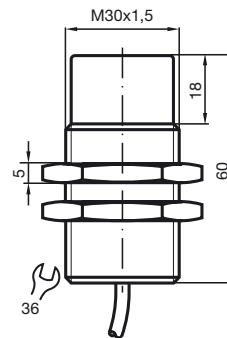
### Compliance with standards and directives

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

