

Model Number

NBB8-30GM60-I3

Features

- **Inductive analog**
- **Output 0 mA ... 20 mA**
- **Flush mounting**

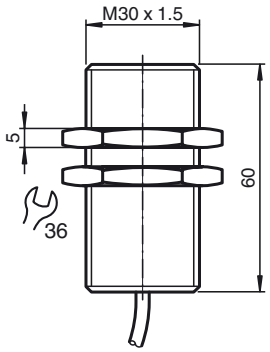
Accessories

BF 30
Mounting flange, 30 mm

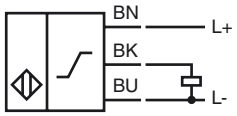
Technical Data

General specifications		
Output type		Analog current output
Installation		flush
Output polarity		DC
Measurement range		3 ... 8 mm
Output type		3-wire
Nominal ratings		
Operating voltage	U_B	15 ... 30 V DC
Repeat accuracy		0 ... 200 µm
Recovery time		1 ... 10 ms typ. 5 ms
No-load supply current	I_0	≤ 12 mA
Analog output		
Output type		0 ... 20 mA
Slope of output characteristic		4 mA / mm
Linearity error		≤ ± 5 % of full-scale value
Load resistor		≤ 500 Ω
Rate of current rise		
0 ... 20 mA		≤ 50 A/s
20 ... 0 mA		≤ 20 A/s
Temperature drift		≤ ± 0.15 %/K of the measured value
Residual ripple		± 125 µA
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable PVC , 2 m
Core cross-section		0.75 mm²
Housing material		brass, nickel-plated
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 ≤36 V

Dimensions



Electrical Connection



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