



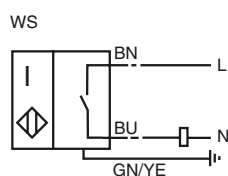
Model Number

NBB10-30GM60-WS

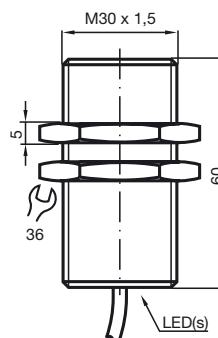
Features

- Basic series
- 10 mm embeddable

Connection



Dimensions



Technical Data

General specifications

Switching element function	AC	Make function
Rated operating distance	s_n	10 mm
Installation		embeddable
Output polarity		AC
Assured operating distance	s_a	0 ... 8.1 mm
Reduction factor r_{Al}		0.29
Reduction factor r_{Cu}		0.26
Reduction factor r_{V2A}		0.71

Nominal ratings

Operating voltage	U_B	20 ... 253 V
Switching frequency	f	0 ... 20 Hz
Hysteresis	H	typ. 5 %
Voltage drop	U_d	≤ 8 V
Momentary current (20 ms, 0.1 Hz)		0 ... 1600 mA
Operating current	I_L	5 ... 200 mA
Off-state current	I_r	0 ... 1.7 mA typ.
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
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Mechanical specifications

Connection type	2 m, PVC cable
Cable version	PA
Core cross-section	0.34 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67

Approvals and certificates

CCC approval	Certified by China Compulsory Certification (CCC)
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