

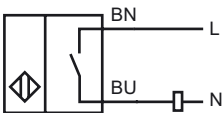
## Model Number

NBB15-30GK-WS

## Features

- Basic series
- 15 mm quasi-embeddable

## Connection

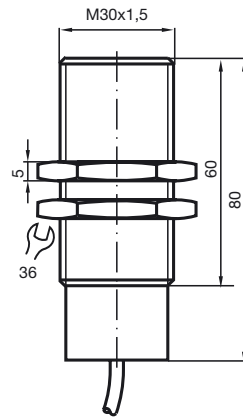


## Accessories

### BF 30

Mounting flange, 30 mm

## Dimensions



## Technical Data

### General specifications

Switching element function	AC	NO
Rated operating distance	$s_n$	15 mm
Installation	quasi embedd.	
Output polarity	AC	
Assured operating distance	$s_a$	0 ... 12.15 mm
Reduction factor $r_{Al}$	0.43	
Reduction factor $r_{Cu}$	0.41	
Reduction factor $r_{303}$	0.82	

### Nominal ratings

Operating voltage	$U_B$	20 ... 250 V
Switching frequency	$f$	0 ... 25 Hz
Hysteresis	$H$	typ. 5 %
Short-circuit protection	no	
Voltage drop	$U_d$	$\leq 8$ V
Momentary current (20 ms, 0.1 Hz)	0 ... 1600 mA	
Operating current	$I_L$	1.5 ... 200 mA
Off-state current	$I_r$	0 ... 1.5 mA typ.

### 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 <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

### Note

<sup>1)</sup> In the temperature range below 0 °C, permissible operating voltage  $U_b$  80...253 V  
Safety fuse  $\leq 0.3$  A (quick-blow) according to IEC 60127-2 Sheet 1  
Recommendation: after a short circuit, check that the device is functioning correctly.

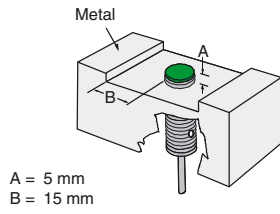
### Compliance with standards and directives

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

### Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)

Installation conditions



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