



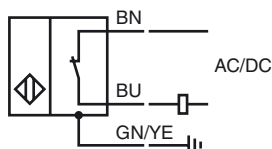
## Model Number

NBB8-18GM60-UO

## Features

- 8 mm flush
- 3-wire AC/DC
- Cylindrical

## Connection

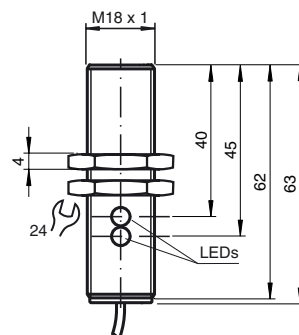


## Accessories

### EXG-18

Quick mounting bracket with dead stop

## Dimensions



## Technical Data

### General specifications

Switching element function		NC contact
Rated operating distance	$s_n$	8 mm
Installation		flush
Output polarity		AC/DC NC contact
Reduction factor $r_{Al}$		0.45
Reduction factor $r_{Cu}$		0.4
Reduction factor $r_{304}$		0.7

### Nominal ratings

Operating voltage	$U_B$	20 ... 250 V AC/20 ... 300 V DC
Switching frequency	$f$	30 Hz
Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		yes
Voltage drop	$U_d$	$\leq 8$ V
Operating current	$I_L$	4 ... 300 mA AC/DC
Off-state current	$I_r$	$\leq 0.8$ mA
Operating voltage display		LED, green
Indication of the switching state		LED, yellow

### Ambient conditions

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

Connection type		cable PUR, 2 m
Core cross-section		0.5 mm <sup>2</sup>
Housing material		brass, nickel-plated
Sensing face		PBT
Protection degree		IP67

### 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)