



### Model Number

**NBN15-30GK60-AR-3M**

### Features

- Relay output
- Sensing range 15 mm
- SPDT output
- Switch load currents to 6 Amps

### Accessories

**BF 30**  
Mounting flange, 30 mm

**AB-30**  
Mounting aid

## Technical Data

### General specifications

Switching element function		SPDT Relay
Rated operating distance	$s_n$	15 mm
Installation		non-flush
Output polarity		DC
Reduction factor $r_{AI}$		0.4
Reduction factor $r_{Cu}$		0.37
Reduction factor $r_{304}$		0.73
Mechanical life		$2 \times 10^7$ operations

### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V DC
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Switching frequency	f	5 Hz
Hysteresis	H	3 ... 15 %, typ. 5 %
Reverse polarity protection		yes
Short-circuit protection		no
Operating current	$I_L$	6 A max.
No-load supply current	$I_0$	$\leq 50$ mA
Switching state indication		LED, yellow

### Output

Switching voltage		max 28 V DC
Switching current		6 A DC resistive load

### Standard conformity

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

Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
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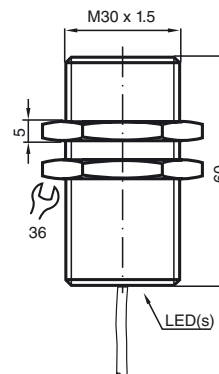
### Mechanical specifications

Connection type		3-meter cable, PVC heavy jacket, 5-conductor, #18 AWG
Housing material		PBT
Sensing face		PBT
Protection degree		IP68

### Approvals and certificates

UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose

## Dimensions



## Electrical Connection

