

# Inductive sensor

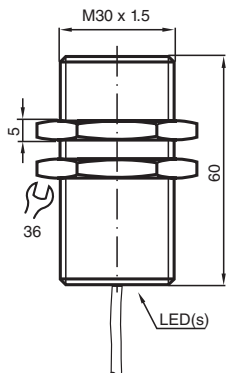
## NBN15-30GK60-UR-3M



- Relay output
- Sensing range 15 mm
- SPDT output
- AC/DC Model
- Switch load currents to 6 Amps



### Dimensions



### Technical Data

#### General specifications

Switching function	change-over contact	
Output type	relay	
Rated operating distance	$s_n$	15 mm
Installation	non-flush	
Output polarity	DC	
Reduction factor $r_{Al}$	0.4	
Reduction factor $r_{Cu}$	0.37	
Reduction factor $r_{304}$	0.73	
Output type	Relay output	
Mechanical life	No load: $2 \times 10^7$ operations Full load: $1 \times 10^5$ switching cycles	

#### Nominal ratings

Operating voltage	$U_B$	20 ... 132 V AC/DC
Hysteresis	H	1 ... 12 %

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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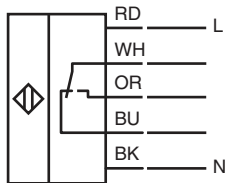
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## Technical Data

Reverse polarity protection		reverse polarity tolerant
Short-circuit protection		no
Operating current	$I_L$	$\leq 50 \text{ mA}$
Switching state indicator		LED, red 360°
<b>Output</b>		
Switching voltage		max 28 V DC , 250 V AC
Switching current		6 A , AC/DC, resistive load
Switching power		max 180 W
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards		EN 60947-5-2:2007 IEC 60947-5-2:2007
<b>Approvals and certificates</b>		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
<b>Ambient conditions</b>		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
<b>Mechanical specifications</b>		
Connection type		3-meter cable, PVC heavy jacket, 5-conductor, #18 AWG
Core cross section		0.75 mm <sup>2</sup>
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68

## Connection



## Accessories

	<b>BF 30</b>	Mounting flange, 30 mm
	<b>AB-30</b>	Mounting aid