

Inductive sensor

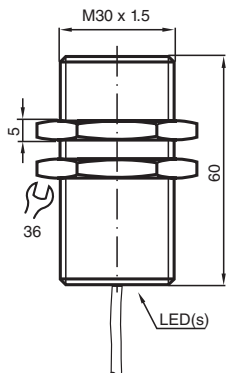
NBN15-30GK60-AR-1M



- Relay output
- Sensing range 15 mm
- SPDT output
- 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: 2×10^7 operations Full load: 1×10^5 switching cycles	

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

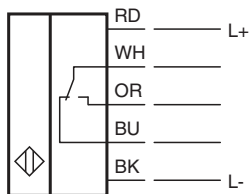
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS



Technical Data

Switching frequency	f	20 Hz
Hysteresis	H	approx. 10 %
Reverse polarity protection		yes
Short-circuit protection		no
Operating current	I_L	≤ 50 mA
Switching state indicator		LED, yellow
Output		
Switching voltage		max 28 V DC
Switching current		6 A DC resistive load
Switching power		max 180 W
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
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Connection type		1-meter cable, PVC heavy jacket, 5-conductor, #18 AWG
Core cross section		0.75 mm ²
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68

Connection



Accessories

	BF 30	Mounting flange, 30 mm
	AB-30	Mounting aid