



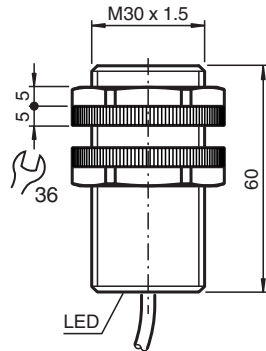
Inductive sensor

NBB10-30GK60-AR-1M

- Relay output
- Operating distance 10 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	10 mm
Installation		flush
Output polarity		DC
Reduction factor r_{AI}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
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
Switching frequency	f	20 Hz
Hysteresis	H	approx. 10 %
Reverse polarity protection		yes

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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

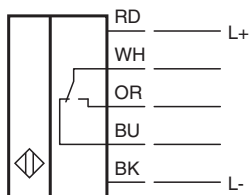
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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Technical Data

Short-circuit protection		no
Operating current	I_L	≤ 50 mA
Switching state indicator		LED, yellow
Output		
Switching voltage		max 28 V DC
Switching current		max 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-F	Plastic mounting adapter, 30 mm
	BF 30	Mounting flange, 30 mm
	BF 5-30	Universal mounting bracket for cylindrical sensors with a diameter of 5 ... 30 mm
	AB-30	Mounting aid