

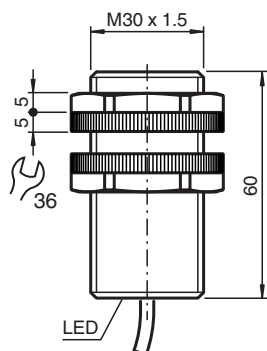


Inductive sensor NBB10-30GK60-AR-1M

- 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_{Al}	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".

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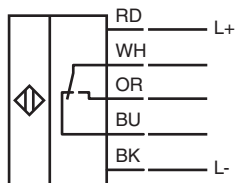
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PEPPERL+FUCHS

Technical Data

Short-circuit protection		no
Operating current	I_L	$\leq 50 \text{ mA}$
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