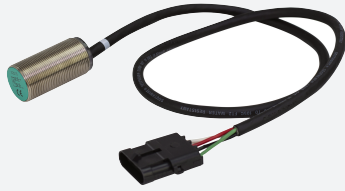


Inductive sensor

NBB10-30GM60-AAR-900MM-4PKD

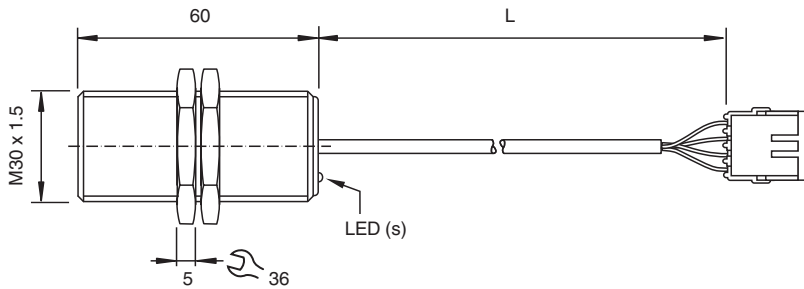


- SPDT Relay Output
- Sensing range 10 mm
- Active 24 V DC Relay Output

Inductive sensor



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	
Short-circuit protection	no	
Operating current	I_L	≤ 50 mA
Switching state indicator	LED, yellow	

Output

Release date: 2022-06-21 Date of issue: 2022-06-21 Filename: 70150096_eng.pdf

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

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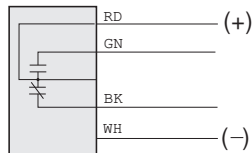
PEPPERL+FUCHS

Technical Data

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
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Connection type		fixed cable with plug
Core cross section		0.75 mm ²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67 (Sensor side)
Connector		
Connection assembly		Aptiv housing 12010974 Aptiv contact 12089040 Aptiv seal 15324982
Cable		
Material		TPE
Color		black
Number of cores		4
Length	L	900 mm
General information		
Scope of delivery		

Connection

AAR



Installation

A	GN (Output)
B	BK (Output)
C	RD (+)
D	WH (-)