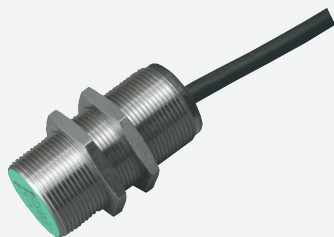


Inductive sensor

NBB10-30GM60-AAR-Y906216

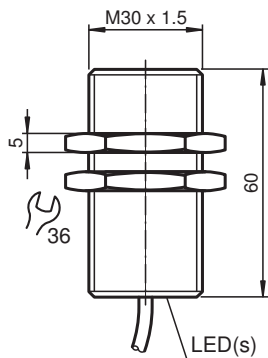


- SPDT Relay Output
- Sensing range 10 mm
- Active 24 V DC Relay Output

Inductive sensor



Dimensions



Technical Data

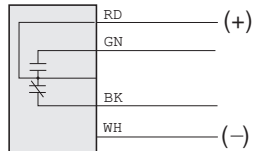
General specifications		
Switching function		change-over contact
Output type		relay
Rated operating distance	s_n	10 mm
Installation		flush
Output polarity		DC
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Output type		Relay output
Mechanical life		No load: 2×10^7 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

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 m, PUR cable , heavy jacket , 4-conductor , # 18 AWG
Core cross-section		0.75 mm ²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67

Connection

AAR



Accessories

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