



Model Number

NBB10-30GK60-AR-1M

Features

- Relay output
- Operating distance 10 mm
- SPDT output
- Switch load currents to 6 Amps

Accessories

BF 30-F

Mounting flange with dead stop, 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

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
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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		max 6 A DC resistive load
Switching power		max 180 W

Ambient conditions

Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
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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

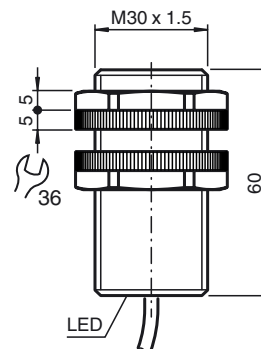
Compliance with standards and directives

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

Dimensions



Electrical Connection

