



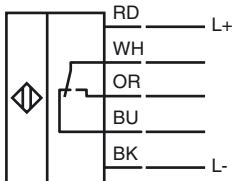
Model Number

NBB10-30GK60-AR-3M

Features

- Relay output
- Sensing range 10 mm
- Switch load currents to 6 Amps
- SPDT output

Connection



Accessories

BF 30-F

Mounting flange with dead stop, 30 mm

BF 30

Mounting flange, 30 mm

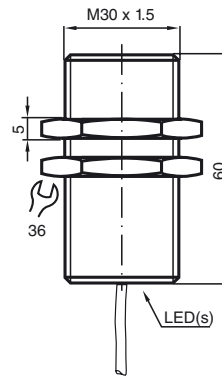
BF 5-30

Universal mounting bracket for cylindrical sensors with a diameter of 5 ... 30 mm

AB-30

Mounting aid

Dimensions



Technical Data

General specifications

Switching element function		SPDT Relay
Rated operating distance	s_n	10 mm
Installation		embeddable
Output polarity		DC
Reduction factor r_{AI}		0.4
Reduction factor r_{CU}		0.3
Reduction factor r_{304}		0.85
Mechanical life		2×10^7 operations

Nominal ratings

Operating voltage	U_B	10 ... 30 V DC
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Switching frequency	f	5 Hz
Hysteresis	H	3 ... 15 % , typ. 5 %
Reverse polarity protected		yes
Short-circuit protection		no
Operating current	I_L	6 A max.
No-load supply current	I_0	≤50 mA
Indication of the switching state		LED, yellow
Contact resistance		28 V DC/6 A resistive; 250 V AC/6A resistive

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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Ambient conditions

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

Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose