



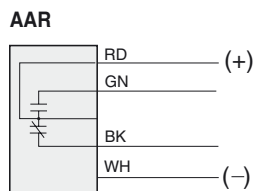
### Model Number

NBB10-30GM60-AAR-Y906216

### Features

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

### Connection



### Accessories

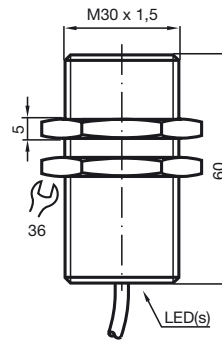
#### BF 30

Mounting flange, 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 $r_{V2A}$		0.85
Mechanical life		No load: $2 \times 10^7$ operations Full load: $1 \times 10^5$ switching cycles

#### Nominal ratings

Operating voltage	$U_B$	10 ... 30 V DC
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#### Operating voltage DC

Switching frequency	$f$	5 Hz
Hysteresis	$H$	3-15% (5% typical)
Output voltage		

Power ON		No Load Current 0.2 mA Note: Powered Contacts
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Operating current	$I_L$	$\leq 6$ mA
Indication of the switching state		LED, yellow

#### 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		brass, nickel-plated
Sensing face		PBT
Protection degree		IP68

#### Approvals and certificates

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