



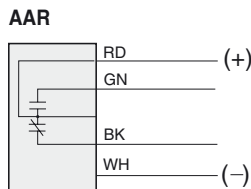
Model Number

NBB10-30GM60-AAR-Y906216

Features

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

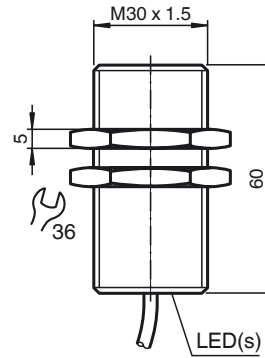
Connection



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		flush
Output polarity		DC
Reduction factor r_{AI}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
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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Hysteresis	H	approx. 10 %
Operating current	I_L	≤ 50 mA
Indication of the switching state		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 m, PUR cable, heavy jacket, 4-conductor, # 18 AWG
Core cross-section	0.75 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67

Approvals and certificates

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