



Model Number

NBB10-30GK60-AR-3M

Features

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

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 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
Switching state indication	LED, yellow

Output

Switching voltage	max 28 V DC
Switching current	max 6 A DC resistive load
Switching power	max 180 W

Standard conformity

Standards	IEC / EN 60947-5-2
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Ambient conditions

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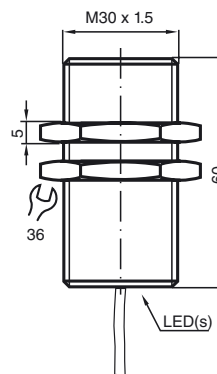
Mechanical specifications

Connection type	3-meter cable, PVC heavy jacket, 5-conductor, #18 AWG
Core cross-section	0.75 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	CCC approval / marking not required for products rated ≤ 36 V

Dimensions



Electrical Connection

