

Inductive sensor

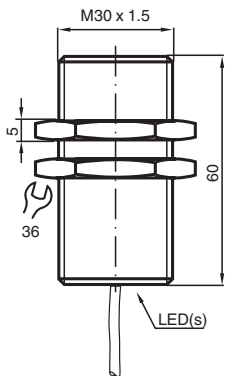
NBN15-30GK60-UR-3M



- Relay output
- Sensing range 15 mm
- SPDT output
- AC/DC Model
- Switch load currents to 6 Amps



Dimensions



Technical Data

General specifications		
Switching function		change-over contact
Output type		relay
Rated operating distance	S_n	15 mm
Installation		non-flush
Output polarity		DC
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.37
Reduction factor r_{304}		0.73
Output type		Relay output
Mechanical life		No load: 2×10^7 operations Full load: 1×10^5 switching cycles
Nominal ratings		
Hysteresis	H	1 ... 12 % typ. 10 %
Reverse polarity protection		reverse polarity tolerant
Short-circuit protection		no
Rated operating current	I_e	< 50 mA AC/DC
Switching state indicator		LED, red 360°

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Technical Data

Electrical specifications		
Rated operating voltage	U_e	20 ... 132 V AC/DC
Output		
Switching voltage		max 28 V DC , 250 V AC
Switching current		6 A , AC/DC, resistive load
Switching power		max 180 W
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
Ambient conditions		
Ambient temperature		-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		PBT
Sensing face		PBT
Degree of protection		IP68
Cable		
Wire end ferrules		yes
Cable diameter		7.6 mm \pm 0.25 mm
Bending radius		> 10 x cable diameter
Material		PVC
Color		black
Number of cores		5
Core cross section		0.75 mm ²
Length	L	3 m
Mass		353 g
Dimensions		
Length		60 mm
Diameter		30 mm

Connection

