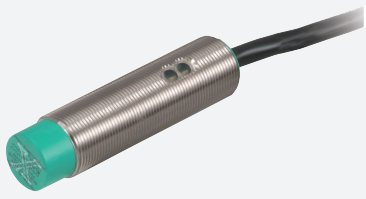


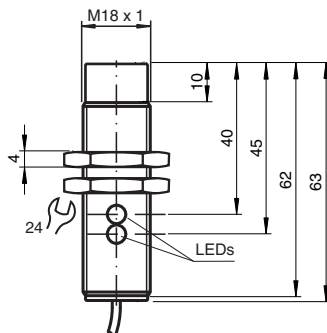
Inductive sensor NBN15-18GM60-US



- 15 mm non-flush
- 2-wire AC/DC



Dimensions



Technical Data

General specifications

Switching function	Normally open (NO)	
Output type	Two-wire	
Rated operating distance	s_n	15 mm
Installation	non-flush	
Output polarity	AC/DC	
Reduction factor r_{Al}	0.45	
Reduction factor r_{Cu}	0.4	
Reduction factor r_{304}	0.7	
Output type	3-wire	

Nominal ratings

Operating voltage	U_B	20 ... 250 V AC/20 ... 300 V DC
Switching frequency	f	30 Hz

Technical Data

Hysteresis	H	3 ... 15 typ. 5 %
Reverse polarity protection		reverse polarity tolerant
Short-circuit protection		yes
Voltage drop	U_d	$\leq 8 \text{ V}$
Operating current	I_L	4 ... 300 mA AC/DC
Off-state current	I_r	$\leq 0.8 \text{ mA}$
Operating voltage indicator		LED, green
Switching state indicator		LED, yellow

Compliance with standards and directives

Standard conformity		
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012

Approvals and certificates

UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		Certified by China Compulsory Certification (CCC)

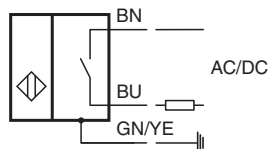
Ambient conditions

Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Connection type		cable PUR , 2 m
Core cross-section		0.5 mm ²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67

Connection



Accessories

	BF 18	Mounting flange, 18 mm
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