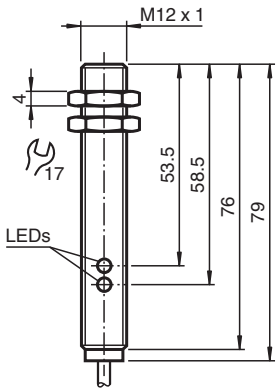


Inductive sensor

NBB4-12GM75-US

- 4 mm flush
- 2-wire AC/DC

Dimensions



Technical Data

General specifications		
Switching function		Normally open (NO)
Output type		Two-wire
Rated operating distance	s_n	4 mm
Installation		flush
Output polarity		AC/DC
Reduction factor r_{Al}		0.5
Reduction factor r_{Cu}		0.45
Reduction factor r_{304}		0.75
Output type		2-wire
Nominal ratings		
Switching frequency	f	30 Hz
Hysteresis	H	3 ... 15 % typ. 5 %
Reverse polarity protection		reverse polarity tolerant
Short-circuit protection		yes
Voltage drop	U_d	≤ 8 V
Rated operating current	I_e	8 ... 200 mA AC/DC
Off-state current	I_r	≤ 0.8 mA
Operating voltage indicator		LED, green

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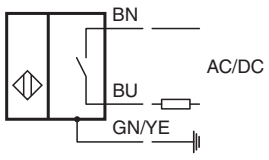
Technical Data

Switching state indicator		LED, yellow
Electrical specifications		
Rated operating voltage	U_e	20 ... 250 V AC/DC
Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed Load Type: Resistive Enclosure Type Rating: Type 1
CSA approval		cCSAus Listed, General Purpose
CCC approval		Certified by China Compulsory Certification (CCC)
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67
Cable		
Bending radius		> 10 x cable diameter
Material		PUR
Color		black
Number of cores		3
Core cross section		0.34 mm²
Length	L	2 m
Mass		108 g
Dimensions		
Length		75 mm
Diameter		12 mm
General information		
Scope of delivery		2 self locking nuts in scope of delivery

Connection Assignment



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