

Inductive sensor

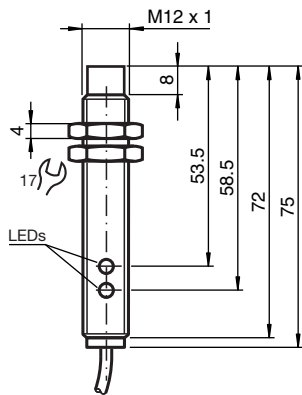
NBN8-12GM75-US



- 8 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	8 mm	
Installation		non-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			
Operating voltage	U _B	20 ... 250 V AC/20 ... 300 V DC	

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

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
Operating current	I _L	8 ... 200 mA AC/DC
Off-state current	I _r	≤ 0.8 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)
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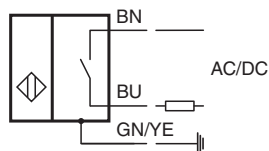
Mechanical specifications

Connection type		cable PUR , 2 m
Core cross-section		0.34 mm ²
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67

General information

Scope of delivery		2 self locking nuts in scope of delivery
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Connection



Accessories

	EXG-12	Quick mounting bracket with dead stop
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