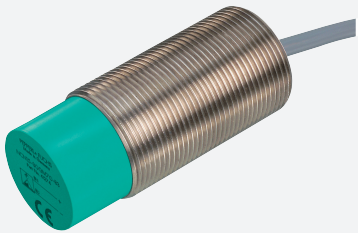


Inductive sensor

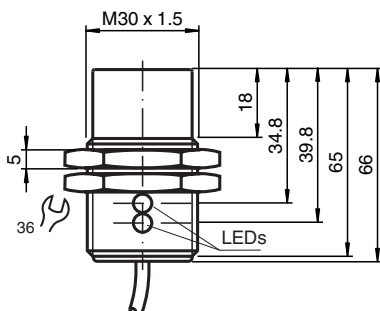
NBN25-30GM65-US-5M



- Basic series
- 25 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		25 mm
Installation			non-flush
Output polarity			AC/DC
Reduction factor r_{AI}			0.47
Reduction factor r_{Cu}			0.44
Reduction factor r_{304}			0.77
Output type			3-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		4 ... 500 mA AC/DC

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

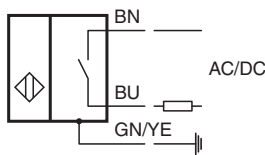
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

Technical Data

Off-state current	I _r	≤ 0.8 mA
Operating voltage indicator		LED, green
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, 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
Housing material		brass, nickel-plated
Sensing face		PBT
Degree of protection		IP67
Cable		
Wire end ferrules		yes
Cable diameter		6.2 mm ± 0.6 mm
Bending radius		> 10 x cable diameter
Material		PUR
Color		black
Number of cores		3
Core cross section		0.5 mm ²
Length	L	5 m
Mass		358 g
Dimensions		
Length		51 mm
Diameter		30 mm

Connection



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