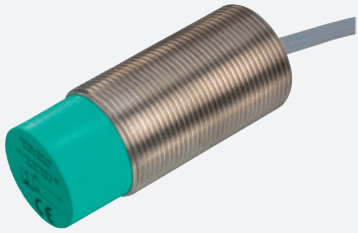


Inductive sensor

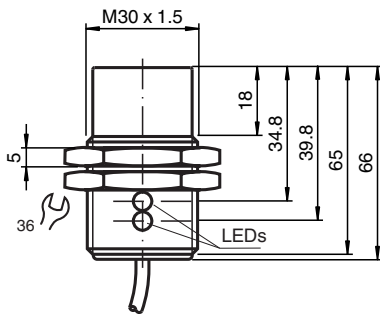
NBN25-30GM65-US-5M



- 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 _{Al}		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".

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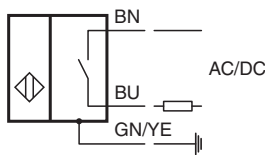
Singapore: +65 6779 9091
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 **PEPPERL+FUCHS**

Technical Data

Off-state current	I_r	$\leq 0.8 \text{ mA}$
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 $\pm$ 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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