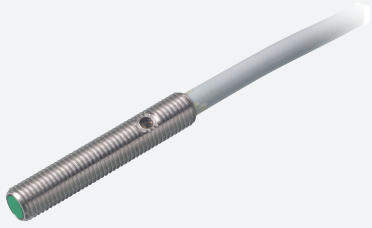


Inductive sensor

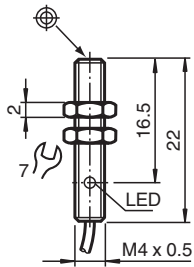
NBB0,6-4GM22-E1



- 0.6 mm flush
- Miniature design



Dimensions



Technical Data

General specifications

Switching function	Normally closed (NC)	
Output type	NPN	
Rated operating distance	s_n	0.6 mm
Installation	flush	
Output polarity	DC	
Assured operating distance	s_a	0 ... 0.486 mm
Reduction factor r_{Al}	0.4	
Reduction factor r_{Cu}	0.29	
Reduction factor r_{304}	0.76	
Reduction factor r_{Brass}	0.46	
Output type	3-wire	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 1300 Hz
Hysteresis	H	typ. 5%
Reverse polarity protection	reverse polarity protected	
Short-circuit protection	pulsing	
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
Off-state current	I_r	0 ... 0.1 mA typ. at 25 °C
No-load supply current	I_o	≤ 10 mA
Switching state indicator	LED, yellow	

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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

Compliance with standards and directives		
Standard conformity		
Standards		EN IEC 60947-5-2
Approvals and certificates		
UL approval		cULus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
Mechanical specifications		
Connection type		cable
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PC
Degree of protection		IP67
Cable		
Cable diameter		2.6 mm ± 0.1 mm
Bending radius		> 10 x cable diameter
Material		PUR
Color		grey
Number of cores		3
Core cross section		0.055 mm ²
Length	L	2 m
Dimensions		
Length		22 mm
Diameter		4 mm

Connection

