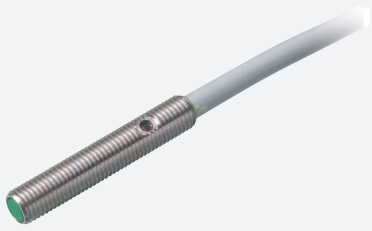


# Inductive sensor

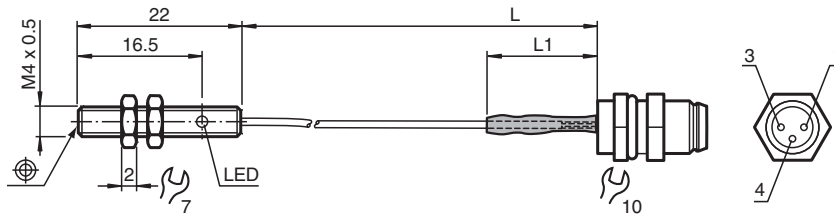
## NBB0,6-4GM22-E3-Y70162333



- 0.6 mm flush
- Miniature design



### Dimensions



### Technical Data

#### General specifications

Switching function		Normally closed (NC)
Output type		PNP
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

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

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PEPPERL+FUCHS

## Technical Data

Short-circuit protection		pulsing
Voltage drop	$U_d$	$\leq 3 \text{ V}$
Operating current	$I_L$	0 ... 100 mA
Off-state current	$I_r$	0 ... 0.1 mA typ. at 25 °C
No-load supply current	$I_0$	$\leq 10 \text{ mA}$
Switching state indicator		LED, yellow
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards		EN IEC 60947-5-2
<b>Approvals and certificates</b>		
UL approval		cULus Recognized, Class 2 Power Source
CCC approval		CCC approval / marking not required for products rated $\leq 36 \text{ V}$
<b>Ambient conditions</b>		
Ambient temperature		-25 ... 70 °C (-13 ... 158 °F)
<b>Mechanical specifications</b>		
Connection type		fixed cable with plug
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		PC
Degree of protection		IP67
Connector		
Number of pins		3
Connection assembly		Phoenix connector: SACC-DSI-M 8MS-3CON-L180 - 1694334
<b>Cable</b>		
Cable diameter		2.6 mm $\pm$ 0.1 mm
Bending radius		> 10 x cable diameter
Material		PUR
Color		grey
Number of cores		3
Core cross section		0.055 mm <sup>2</sup>
Length	L	155 mm $\pm$ 5 mm further length specifications: L1 = 30 mm
<b>Dimensions</b>		
Length		22 mm
Diameter		4 mm

## Connection

