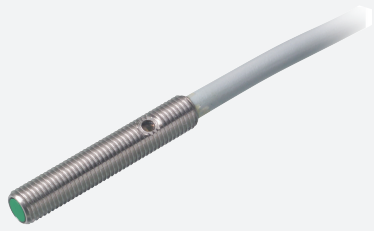


Inductive sensor

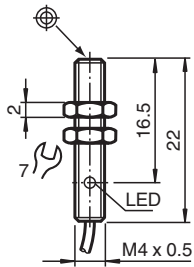
NBB0,6-4GM22-E1



- 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

Release date: 2024-04-25 Date of issue: 2024-04-25 Filename: 220684_eng.pdf

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 \pm 0.1 mm

Bending radius

> 10 x cable diameter

Material

PUR

Color

grey

Number of cores

3

Core cross section

0.055 mm²

Length

L

2 m

Dimensions

Length

22 mm

Diameter

4 mm

Connection

