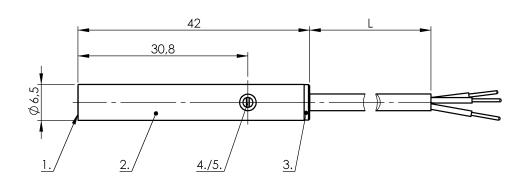
# BCS G06T4E1-NSM15C-EP02

**Order Code: BCS001N** 





1) Sensing surface, 2) Housing, 3) Cover, 4) Potentiometer, 5) LED function indicator



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Approval/Conformity CE cULus EAC WEEE Basic standard IEC 60947-5-2 Scope of delivery Screwdriver Short guide Sensitivity Switching distance adjustable Series G06

# Display/Operation

**Function indicator** yes

# **Electrical connection**

Cable length L 2 m Conductor cross-section 0.14 mm<sup>2</sup> **Number of conductors** 3 Polarity reversal protected ves Protection against device mix-ups yes Short-circuit protection yes

### **Electrical data**

No-load current lo max. at Ue 10 mA Operating voltage Ub 11...30 VDC 75 V DC Rated insulation voltage Ui Rated operating current le 50 mA Rated operating voltage Ue DC 24 V Ripple max. (% of Ue) 10 % Switching frequency 100 Hz DC -13 **Utilization category** Voltage drop static max. 2 V

# **Environmental conditions**

Ambient temperature -10...70 °C Contamination scale 1 IP rating IP65

## **Functional safety**

MTTF (40 °C) 444 a

### **Interface**

Switching output NPN normally open (NO)

# Material

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Cover material POM

Housing material 1.4301 stainless steel

Material jacket PUR Material sensing surface PTFE

# **Capacitive Sensors**

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## Mechanical data

# Range/Distance

Hysteresis H max. (% of Sr) 15.0 %

Measuring range 0.1...1.5 mm

Rated operating distance Sn 1.5 mm

Repeat accuracy max. (% of Sr) 2.0 %

Temperature drift max. (% of Sr) 15 %

### Remarks

The potentiometer does not have a fixed stop, but can be turned endlessly without destroying anything.

If no change in the switching signal is detected, the potentiometer should be turned forwards or backwards until a signal change occurs at the output. For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

# Wiring Diagrams C BN BK BU BU -

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