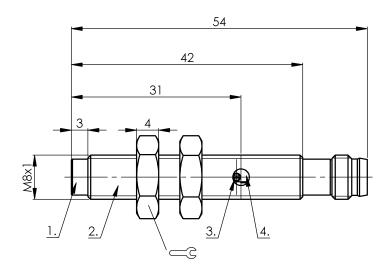
BCS M08T4E2-NSM30G-S49G

Order Code: BCS002P





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



Basic features







Approval/Conformity	CE
	cULus
	WEEE
	UKCA
Basic standard	IEC 60947-5-2
Scope of delivery	Nut (2x)
	Screwdriver
	Short guide
Sensitivity	Switching distance adjustable
Series	M08
Display/Operation	
Function indicator	yes
Electrical connection	
•	
Connection	M8x1-Male, 3-pin
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

ectrical	l -l
 ACTICA	I MATA

10 mA
1130 VDC
75 V DC
50 mA
24 V
10 %
100 Hz
DC -13
2 V

Environmental conditions

Ambient temperature	-1070 °C
Contamination scale	2
IP rating	IP65

Functional safety

Interface

Housing material

Material sensing surface

MTTF (40 °C)	444 a

Switching output	NPN normally open (NO)
Material	

1.4301 stainless steel

PTFE

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Mechanical data

 Dimension
 Ø 8 x 54 mm

 Installation
 non-flush

 Size
 M8x1

 Thread (A)
 M8x1

 Tightening torque
 6 Nm

Range/Distance

Hysteresis H max. (% of Sr) 15.0 %

Measuring range 0.1...3 mm

Rated operating distance Sn 3 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.

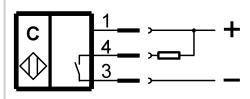
For more information about MTTF and B10d see MTTF / B10d Certificate

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.

Connector Drawings



Wiring Diagrams



Installation remarks

