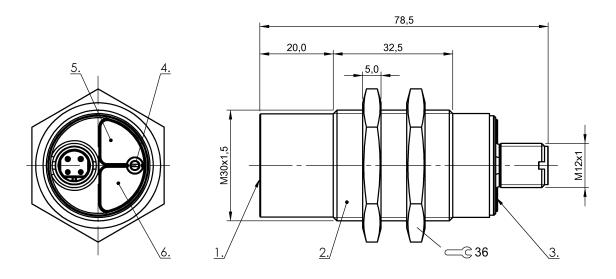
BCS M30BBE2-NOC25H-S04K

Order Code: BCS00NL





1) Sensing surface, 2) Housing, 3) Cover, 4) Potentiometer, 5) LED Power, 6) LED function indicator











Basic features	Bas	sic	fea	atu	res
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Approval/Conformity	CE
	cULus
	EAC
	WEEE
Basic standard	IEC 60947-5-2
Scope of delivery	Nut (2x)
Sensitivity	Switching distance adjustable
Series	M30
Trademark	Global
Display/Operation	
Function indicator	yes

yes

Electrical connection

Power indicator

Connection	M12x1-Male, 4-pin, A-coded
Polarity reversal protected	yes
Protection against device mix-ups	no
Short-circuit protection	ves

Electrical data

15 mA
1030 VDC
II
75 V DC
100 mA
24 V
300 ms
10 %
100 Hz
DC -13
1.5 V

Environmental conditions

Ambient temperature	-2585 °C
IP rating	IP67
Environting of the	

Functional safety

MTTF (40 °C)	226 a

Interface

Switching output

Material	
Cover material	РВТ
	PA

Housing material PBT PBT Material sensing surface

NPN normally closed (NC)

Capacitive Sensors

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Mechanical data

 Dimension
 Ø 30 x 78.5 mm

 Installation
 non-flush

 Size
 M30x1.5

 Thread (A)
 M30x1.5

 Tightening torque
 6 Nm

Range/Distance

Hysteresis H max. (% of Sr) 15.0 %

Measuring range 1...25 mm

Rated operating distance Sn 25 mm

Repeat accuracy max. (% of Sr) 2.0 %

Temperature drift max. (% of Sr) 20 % [-5...55 °C]

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

