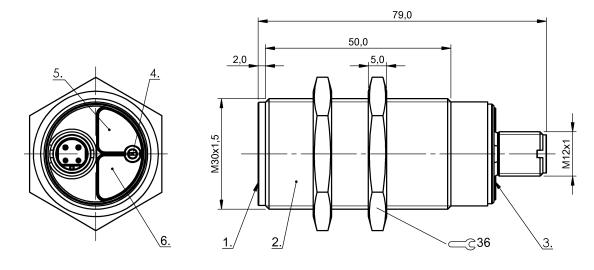
BCS M30BBI2-PSC15D-S04K

Order Code: BCS00NA





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











CE UKCA cULus WEEE
IEC 60947-5-2
Nut (2x)
Switching distance adjustable
M30
Global
yes
yes
M12x1-Male, 3-pin, A-coded
3

yes

E	ectrical	data
	ecuicai	uala

No-load current lo max. at Ue	20 mA
Operating voltage Ub	1030 VD0
Protection class	II
Rated insulation voltage Ui	75 V DC
Rated operating current le	100 mA
Rated operating voltage Ue DC	24 V
Ready delay tv max.	300 ms
Ripple max. (% of Ue)	10 %
Switching frequency	100 Hz
Utilization category	DC -13
Voltage drop static max.	1.5 V

Environmental conditions

Ambient temperature Contamination scale IP rating	-2585 °C 1 IP67	
Functional safety MTTF (40 °C)	343 a	

Interface

Switching output PNP normally open (NO)

Protection against device mix-ups

Short-circuit protection

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Material

Mechanical data

DimensionØ 30 x 79 mmInstallationfor flush mountingSizeM30x1.5Thread (A)M30x1.5Tightening torque6 Nm

Range/Distance

Hysteresis H max. (% of Sr)

Measuring range

Rated operating distance Sn

Repeat accuracy max. (% of Sr)

Temperature drift max. (% of Sr)

15.0 %

15 mm

2.0 %

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 (Schematic)

