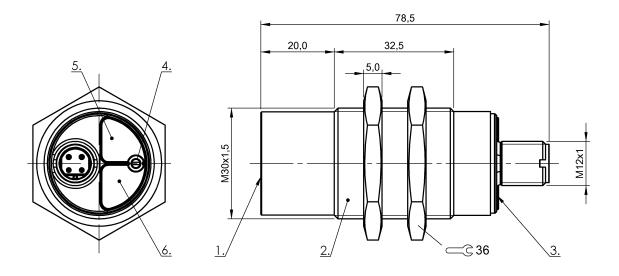
BCS M30BBE2-PSC25H-S04K

Order Code: BCS00NH





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











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Ra	SIC	te:	111	ires

CE		
UKCA		
cULus		
WEEE		
IEC 60947-5-2		
Nut (2x)		
Switching distance adjustable		
M30		
Global		
yes		
yes		

Electrical connection

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

Electrical data

No-load current lo max. at Ue	20 mA
Operating voltage Ub	1030 VDC
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

-2585 °C
IP67
226 a

Interface

Switching output

Material		
Cover material	PBT	
	PA	
Housing material	PBT	
Material sensing surface	PBT	

PNP normally open (NO)

Capacitive Sensors

BCS M30BBE2-PSC25H-S04K **Order Code: BCS00NH**



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 % 1...25 mm Measuring range 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.

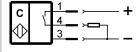
If no change in the switching signal is detected, the potentiometer should be turned forwards or backwards until a signal change occurs at the output. For more information about MTTF and B10d see MTTF / B10d Certificate

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



2/2

Subject to change without notice: 186007