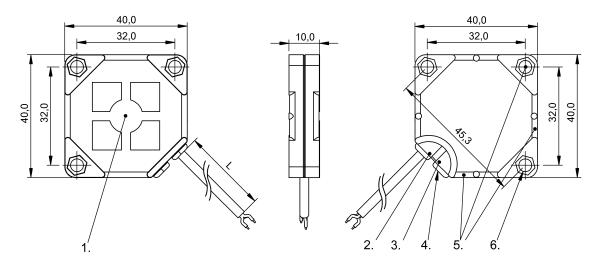
Capacitive Sensors BCS Q40BBAA-GPC20C-EP02 Order Code: BCS00TR





1) Sensing surface, 2) Power indicator green, 3) Function indicator yellow, 4) Potentiometer, 5) Fastening: Cable tie, 6) Fastening: screw 3xM3

Basic features

Approval/Conformity	CE
	cULus
	EAC
	WEEE
Basic standard	IEC 60947-5-2
Sensitivity	Switching distance adjustable
Series	Q40
Trademark	Global

Display/Operation

Function indicator	yes
Power indicator	yes

Electrical connection

Cable diameter D	3.00 mm
Cable length L	2 m
Conductor cross-section	0.14 mm ²
Number of conductors	3
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

10 µF
15 mA
1030 VDC
75 V DC
100 mA
24 V
25 ms
10 %
100 Hz
DC -13
2.5 V
-585 °C
1
IP67

Switching output

Interface

PNP/NPN NO/NC programmable

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Material

Range/Distance

Cover material	PBT	Hysteresis H max. (% of Sr)	15.0 %	
Housing material	PBT	Measuring range	120 mm	
Material jacket	PUR	Rated operating distance Sn	20 mm	
Material sensing surface PBT	Repeat accuracy max. (% of Sr)	5.0 %		
		Temperature drift max. (% of Sr)	20 % [-555 °C]	
Mechanical data				
Dimension	40 x 40 x 10 mm			
Installation	for flush mounting			
Size	Block style			
Remarks				

The push-pull switching outputs must not be connected in parallel.

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.

