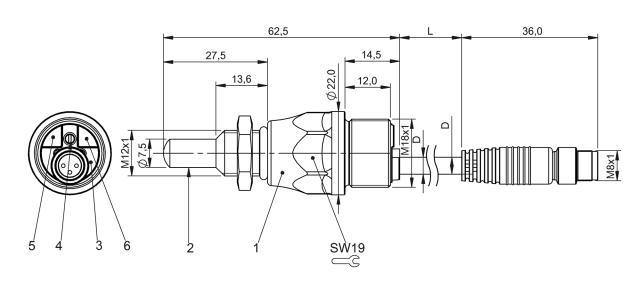
BCS S44KK01-POCFAG-EP00,3-GS49 BCS0106



1) Housing 2) Active surface 3) Top cover 4) Pot 5) Function indicator yellow 6) Power indicator green

Level SensorPNP

- Normally closed (NC)
- nichtbündig

General attributes

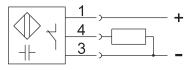
Approvals / Conformity Basic standard Enclosure Type per IEC 60529 Function indicator Polarity reversal protected Power indicator Scope of delivery Series Short circuit protected

Electrical attributes

Connection type Eff. operating current le Eff. operating voltage Ue DC Electrical version Load capacitance max. (at Ue) Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] Rated insulation voltage Ui Ripple max. (% of Ue) Sensitivity Switching freq. f max. (at Ue) Switching function Switching output Voltage drop static max.

Mechanical attributes

Ambient temperature Ta max. Ambient temperature Ta min. Cable diameter D max. Cable jacket material Cable length L [m]



Cable with connector, PUR, 0.30 m M08x1-S49

- media-dependent adjustable
- CE IEC 60947-5-2 IP67/akt. Fläche: IP68 10bar Yes Yes Yes 1 nut and 1 o-ring 10x2 Level Sensor Yes
- Cable with connector 50 mA 24.0 V DC, direct current 10.000 µF 30.0 V 10.0 V 75 V DC 10 % media-dependent adjustable 5 Hz Normally closed (NC) PNP 2.0 V

105 °C -5 °C 4.7 mm PUR 0.30 m



Connector type Cover material Depth	M08x1-S49 PA 62.5 mm
Diameter d1	M12x1.0
Housing material	PEEK
Mech. installation condition	nichtbündig
Sensing face material	PEEK
Storage temperature max.	+80 °C
Storage temperature min.	-25 °C
Thread (A)	M12x1
Tightening torque	1.5 Nm

Additional text Standard applications for water based media

The microLEVEL in Smart Level FSA-Technology have been adjusted in the factory for most applications. With this setting the Smart Level Sensors are suitable for detecting water based media without any further adjustment. The setting compensates within wide limits for foaming, condensation and product filming.

Specialized applications:

Sensors in Smart Level FSA-Technology can also be used with water based media in until now unsolvedand critical applications. For this purpose, the factory setting can be altered by the user. Adjustment instructions are supplied with the sensor. The push-pull switching outputs must not be connected in parallel.



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For definitions of terms, see main catalog Subject to change

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