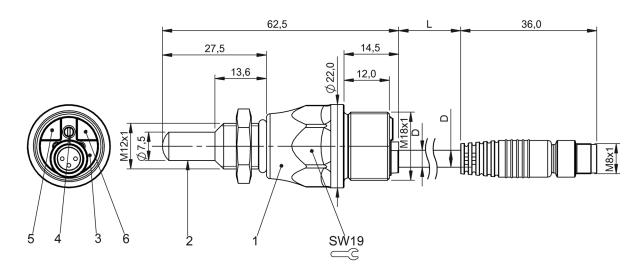
BCS S44KK01-NOCFAG-EP00,3-GS49 **BCS0108**





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

IEC 60947-5-2

Level Sensor

Yes

Yes

Yes

Yes

50 mA

24.0 V

30.0 V

10.0 V 75 V DC

5 Hz

NPN 2.0 V

- Level Sensor NPN
- Normally closed (NC)
- nichtbündig

- Cable with connector, PUR, 0.30 m M08x1-S49
- media-dependent adjustable

IP67/akt. Fläche: IP68 10bar

1 nut and 1 o-ring 10x2

Cable with connector

media-dependent adjustable

Normally closed (NC)

DC, direct current 10.000 µF



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

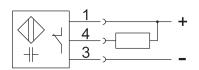
Connection type
Eff. operating current le
Eff. operating voltage Ue DC Electrical version
Load capacitance max. (at Ue) Operating voltage UB max. DC [V] Operating voltage UB min. DC [V] Rated insulation voltage Ui Ripple max. (% of Ue)

Sensitivity
Switching freq. f max. (at Ue)
Switching function

Switching output Voltage drop static max.

Mechanical attributes

105 °C Ambient temperature Ta max. Ambient temperature Ta min. -5 °C Cable diameter D max. 4.7 mm PUR Cable jacket material Cable length L [m] 0.30 m



Connector type	M08x1-S49
Cover material	PA
Depth	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.

