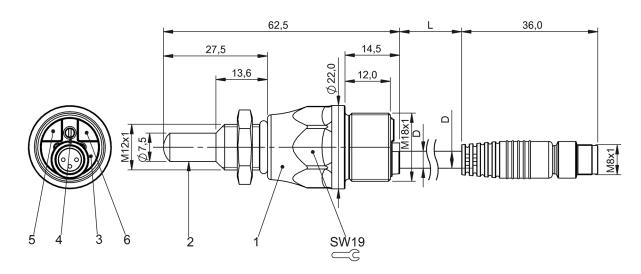
BCS S44KK01-NSCFAG-EP00,3-GS49 BCS0107





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

IEC 60947-5-2

Cable with connector

media-dependent adjustable

Normally open (NO)

DC, direct current

Yes

Yes

Yes Level Sensor

Yes

50 mA 24.0 V

10.000 μF 30.0 V

10.0 V

5 Hz

NPN

2.0 V

75 V DC 10 %

- Level Sensor NPN
- Normally open (NO)
- nichtbündig

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

IP67/akt. Fläche: IP68 10bar



General attributes Approvals / Conformity

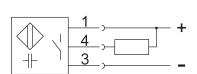
Basic standard Enclosure Type per IEC 60529 Function indicator Polarity reversal protected Power indicator Series Short circuit protected

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. 105 °C -5 °C Ambient temperature Ta min Cable diameter D max. 4.7 mm Cable jacket material **PUR**



Cable length L [m] Connector type	0.30 m M08x1-S49
Cover material	PA
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.

