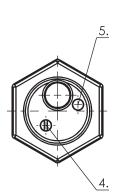
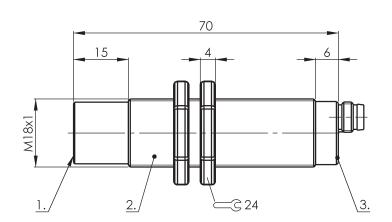
BCS M18VVN-PSCFAG-S49G BCS008T







1) Active surface 2) Housing 3) Top cover 4) Pot 5) LED function indicator

- Level Sensor
- PNP
- Normally open (NO)
- nichtbündig■ Connector, M08x1-S49

■ media-dependent adjustable





IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply



IND. CONT. EQ. 81U2

General attributes

Approvals / Conformity

Basic standard Enclosure Type per IEC 60529 Polarity reversal protected Scope of delivery

Series Short circuit protected

Electrical attributes

Connection type Eff. operating current le Electrical version 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. Connector type Cover material

Diameter d1 Housing material Mech. installation condition Mounting length Sensing face material Tightening torque

CF cULus

IEC 60947-5-2 IP66/IP64 on connector output

Yes 2 nuts Level Sensor Yes

Connector

300 mA DC, direct current 35.0 V 10.0 V 75 V DC

10 %

media-dependent adjustable 2 Hz

Normally open (NO) PNP

1.8 V

60 °C -10 °C M08x1-S49 PVC M18x1.0 PVC nichtbündig 49.0 mm PVC 1 Nm

Additional text

Application notes for water based media:

The Smart Level Sensors have been adjusted in the factory for standard applications. With thissetting, the Smart Level Sensors are suitable for detecting water based liquids through glass or plastic walls without any further adjustment. The factory setting can automatically mask out glass or plastic walls(approx. 0.5 mm to 6 mm), and compensates within wide limits for foam, moisture and material build up to the inside and outside of the tank concerned.

Specialized applications:

The Smart Level Sensors can also be used with water based liquids in hitherto insoluble and critical applications, e.g. with glass or plastic walls thicker than 6 mm. For this purpose, the factory setting can be altered by the user.

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