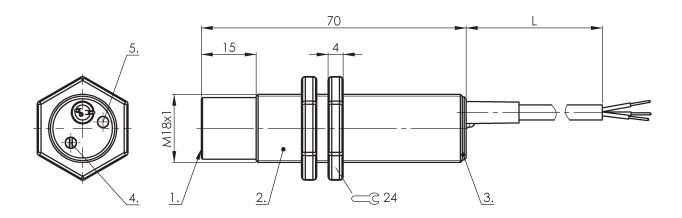
### BCS M18VVI1-PSCFAG-DV02 BCS007N





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

CF

cULus

Yes

Yes

Cable

300 mA

35.0 V

10.0 V 75 V DC

10 %

2 Hz

PNP 1.8 V

1 Nm

DC, direct current

media-dependent adjustable

Normally open (NO)

2 nuts

Level Sensor

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

- Level Sensor
- PNP
- Normally open (NO)
- Non embeddable
- Cable, PVC, 2.00 m

■ 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

60 °C -10 °C Ambient temperature Ta max. Ambient temperature Ta min. Cable jacket material PVC Cable length L [m]
Conductor cross-section 2.00 m 0.25 mm<sup>2</sup> Cover material PBT M18x1.0 Diameter d1 Housing material PVC

Mech. installation condition Non embeddable Mounting length Number of conductors 50.0 mm Sensing face material PVC

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.

Tightening torque

# BCS M18VVI1-PSCFAG-DV02 BCS007N



