

1) Connection, 2) Connection



Display/Operation

Adjuster via signal amplifier and UB

Electrical connection

Cable FEP red, 2 m  
Cable diameter D 2.80 mm  
Connection 1 Special connector-Male, straight  
Connection 2 Special connector-Female, straight

Electrical data

No-load current I<sub>0</sub> max. at U<sub>e</sub> 2.2 mA  
Operating voltage U<sub>b</sub> 4...8 VDC

Environmental conditions

Ambient temperature -40...180 °C, Connector 1  
-10...70 °C, Connector 2  
IP rating IP50 Connector 1  
IP40, Connector 2

General data

Approval/Conformity CE  
EAC  
WEEE  
Basic standard IEC 60947-5-2

Material

Cable jacket, material FEP  
Material grip Nickel-plated brass/PVC

Mechanical data

Cable jacket, color red  
Cable length L 2.00 m

## Remarks

For use with passive high-temperature BCS (e.g. BCS00A1 - ..A5) and signal amplifier (e.g. BAE00KH).

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

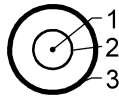
The sensors are used as level indicators in liquids and bulk solids or as distance sensors for the detection of block materials in hot environments.

The capacitive high-temperature sensors are particularly suitable for applications in which the sensor head is exposed to a high ambient temperature or comes into direct contact with hot materials.

For further information about the MTTF and B10d see MTTF / B10d certificate

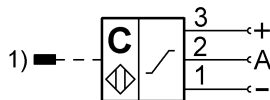
Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

## Connector Drawings



- 1) active
- 2) Shield
- 3) GND

## Wiring Diagrams



1) Sensor head connection