

## Product No: 451160011E151010000

### BD SENSORS LMP307 ST AINLESS STEEL PROBELMP307 ST AINLESS STEEL PROBE 451160011E151010000

#### FEATURES

- Diameter 26.5 mm.
- Small thermal effect.
- High accuracy.
- Good long term stability.

#### General Information

|                |                        |
|----------------|------------------------|
| Brand          | BD SENSORS             |
| Product Series | LMP 307                |
| Product Type   | Stainless Steel Sensor |
| Version        | Standard               |

#### Technical Attributes

|                              |   |
|------------------------------|---|
| Accuracy                     | Standard for pN < 0.4 bar 0.5 % FSO   |
| Application                  | Water / filtrated sewage: Drinking water systems, Ground water level measurement, Rain spillway basins, Pump and booster stations, Level measurement in containers, Water treatment plants, Water recycling.<br>Fuel and oil: Fuel storage, Tank farms. |
| Electrical Connection        | PVC-cable (grey, Ø 7.4 mm) [Shielded cable with integrated ventilation tube for atmospheric pressure reference]   |
| Electrical Protection        | Short-circuit protection: Permanent, Reverse polarity protection: No damage, but also no function, Electromagnetic compatibility: emission and immunity according to EN 61326.  |
| Output Signal                | Intrinsic safety 4 ... 20 mA / 2-wire   |
| Permissible Temperatures     | Medium: -10 ... 70 °C<br>Storage: -25 ... 70 °C   |
| Pressure (mH <sub>2</sub> O) | 1.6   |
| Response Time (ms)           | ≤ 10  |
| Seals                        | FKM   |

### Physical Attributes

|                    |                               |
|--------------------|-------------------------------|
| Diaphragm Material | Stainless steel 1.4435 (316L) |
|--------------------|-------------------------------|

|                  |                               |
|------------------|-------------------------------|
| Housing Material | Stainless steel 1.4404 (316L) |
|------------------|-------------------------------|

### Dimensions

|                  |    |
|------------------|----|
| Cable Length (m) | 10 |
|------------------|----|

### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|