



Mod. **LPT20**

Piezometric Level Sensor and water temperature

Highlighted specs

- High accuracy Piezometric Capsule Level sensor
- Automatic atmospheric pressure compensation with special cable
- High precision water temperature measurement
- AISI316 Stainless steel body
- Ideal for clean waters level measurements
- Accuracy <0.1% of full scale value
- Available with various signal output
- According to **CE** norms

The sensor for the measure of hydrometric level (piezometer) and water temperature mod.LPT is made by a piezometric capsule housed in a **AISI316 stainless steel** body of cylinder shape. Thanks to its small diameter can be easily used in small spaces.

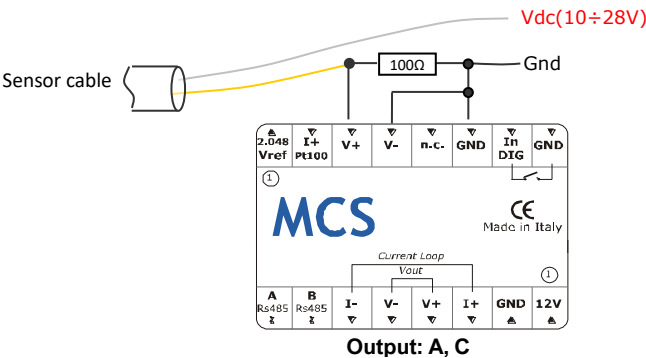
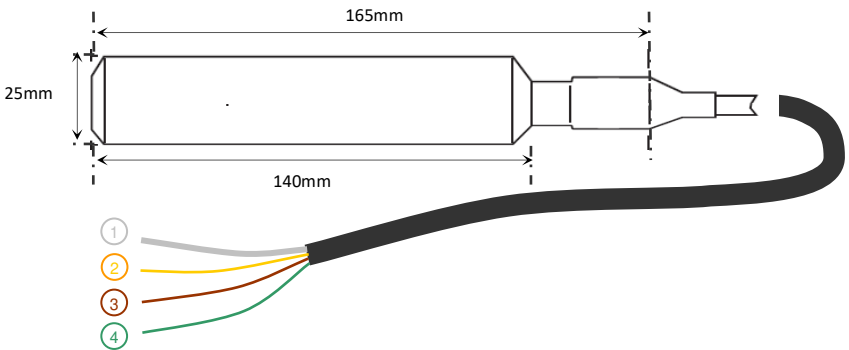
The used transducer, supplies **extremely precise measures**, with an **excellent repeatability**, low hysteresis and stable behaviour with the temperature, that allows to employ the sensor as a hydrometer in clean water. Available with different types of standard **signal output (current)** or **digital RS485 with ModBus (MCS option)**.

| | |
|------------------------------|--|
| Typical range | 0÷20 bar, -5 ÷ +80 °C (other ranges on request i.e -25 ÷ +85 °C) |
| Sensibility | 0,001 bar, 0.01°C |
| Accuracy | <0.5% f.s. or better, ± 0.5°C (0.25% f.s. on request) |
| Response time | < 1s |
| Type of transducer | Piezometric, NTC |
| Standard signal output | 2 x 4÷20mA or 2x 0÷2Vdc (MCS Option), RS485 ModBus (MCS Option) – SDI12 on request |
| Power supply and consumption | Current loop or 10÷28 Vdc, < 0,3W |
| Working conditions | -5 ÷ +80 °C |
| Protections | Polarity reverse and transient |
| Body | Stainless steel 316 |
| Weight | 100g |

Size and connections

| Pin | Wire | LPT20-B |
|-----|--------------|------------------|
| 1 | White | +Vin |
| 2 | Yellow | GND |
| 3 | Brown | +Out level |
| 4 | Green or red | +Out temperature |

Output: B



Order code

| | | | |
|--|--|-------|-------------|
| Sensor | Piezometric level and sensor range 0-20 mt | LPT20 | |
| Output | 0÷2Vdc (MCS option) 4÷20mA RS485 / Modbus (MCS option) | | A B C |
| *specify the length for no standard measures | | | |
| example of order code | | | LPT20 B |