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Datasheet



- Self-powered pressure meter
- SIGFOX Connectivity
- Up to 10 years of battery life
- Bi-directional communication
- IP 68 waterproof case
- Coverage area up to 15Km

Telenet Water Pressure is a ready to use pressure meter with out-of-the-box connectivity to measure water pressure along the distribution network. The meter is composed by a transponder and a pressure sensor that can be adapted to the customer needs. Telenet Water pressure can be set to send specific alerts outside the standard communication scheduling. The device is very powerful, allowing deep indoor monitoring.

#### Main Product Characteristics:

- Real time data transmission, upon scheduling
- Compact and easy to be installed;
- Low energy consumption;
- Firmware e sensor interface totally customizable;

#### Performances

- RF Sensitivity: -150 dBm
- Range: up to 15km

#### Features

- IP 68 Pressure sensors
- Pressure sensor: Cerabar sensor (other sensors available upon request)
- Programmable range from 0-10 Bar to 0-400 bar (wider range available upon request)
- Accuracy: maximum measuring error  $\pm 0,5\%$  (more accuracy upon request)
- Remote alarm scheduling and threshold configuration (upon request)

#### Firmware

- SIGFOX network protocol
- Transmission: up to 144 messages per day
- AES128 Encryption

#### Consumptions

- Operating voltage: 3.6V
- Power supply: Li-SOCL2 high-capacity battery
- Battery Lifespan: up to 10 years

#### Informazioni Generali

- Operating temperature: -20C"/+55C"
- Integrated mounting solution
- IP protection class: IP68
- Standards: EN 300-220, EN 301-489, EN 60950

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