CellPoint™
Pressure Monitoring

DataStream IoT

DataStream IoT stands at the forefront of utility and industrial IoT solutions, offering a comprehensive range of telemetry, RF, and cellular solutions. Our innovative products are the culmination of over two decades of engineering and product development expertise, led by our Israeli R&D subsidiary specializing in water related telemetry solutions. With a track record of successful system deployments in numerous countries, we have established ourselves as a trusted and reliable partner in the field of Industrial IoT solutions.

DataStream's CellPoint™ Pressure Monitoring device, is designed to accommodate a wide range of 4-20mA analog sensors including various pressure transmitter. Our real-time pressure monitoring technology solution equips water utilities with enhanced operational capabilities, which are paramount for ensuring the dependable delivery of water, compliance with regulatory requirements, early detection of leaks, the maintenance of high service standards for customers, asset protection, and cost-effective maintenance management, ultimately benefiting both the utility itself and its valued customers. The CellPoint™ Pressure Monitoring device provides the following key advantages:

Key Advanteges

◆ Reduce unaccounted for non-revenue water (NRW).

◆ Early identification of infrastructure failures related to pressure fluctuations which can lead to significant repair costs.

◆ Improve pump management and reduce energy costs.

◆ Detection of pump malfunction, faulty valves, pipe cracks and other infrastructure failures.

◆ Improve response time and increase customer service level.

Our unique CellPoint™ Pressure Monitoring Device provides accurate real-time pressure 15-minute data logging, alert notifications, insightful reporting as a plug and play cost effective addition to a full-scale utility SCADA systems, or as a stand-alone entry-level infrastructure monitoring platform.

Key Features

- Compatible with any 4-20Ma analog sensor.
- Ease of installation, supported by a mobile app.
- User defined hi/lo thresholds for event alerting.
- Installable at a hot-tap, or meter vault placement.
- Field replaceable battery powered device - no external power required.
- DataSense™ portal provides event reporting, trend analysis, networks reception data and GIS information.
- The CellPoint™ sends the information to the portal once a day (or more frequently, if required). When coverage is limited, the device retains the logged data and attempts to retransmit the information.

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