CellPoint

Data Logging

Traditional data logging solutions pose challenges with high costs and complex installations, limiting their practicality, especially in outdoor environments. DataStream IoT's revolutionary self-contained analog input CellPoint device is designed to overcome these hurdles, offering a scalable, cost-effective alternative.

DataStream's Analog Input CellPoint, an IoT micro-datalogger, collects real-time data from any 4-20mA analog sensor, transmitting it to the DataSense IoT portal. With easy deployment in under 10 minutes, this device monitors sensors at 5-minute intervals, sending immediate alerts for sustained anomalies, enabling instant responses to critical events. The Analog Input CellPoint device provides the following key advantages:

Key Advanteges

- **Real Time Analysis** | Continuous monitoring allows for early detection of problems, enabling timely intervention to prevent overflows.
- **Cost-Effectiveness** | Eliminates extensive infrastructure, significantly lowering data collection costs.
- **Rapid Deployment** | Ease of Installation without disrupting operations.
- **Versatility** | Adaptable to various applications, collecting data from any analog sensor.
- **Real-Time Alerts** | Provides immediate response, optimizing operational efficiency.
- **Scalability** | Allows gradual expansion for a complete view of networks or processes.

Analog Sensors

Pressure | Voltage | Level | pH | Temperature | Moisture | CO_2

Our unique Analog Input CellPoint is not just a cost-effective data logging solution; it's a transformative approach to operations. Beyond immediate benefits, it unlocks new possibilities for insights, control, and proactive maintenance strategies across industries.

Key Features

- Data logging from any 4-20mA analog sensor.
- Ease of installation, supported by a mobile app.
- User defined alerts generated upon hi and lo- events.
- Status data updated daily and upon alert.
- No external power required - field replaceable battery.
- DataSense portal provides detailed historical data for analysis.
- 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