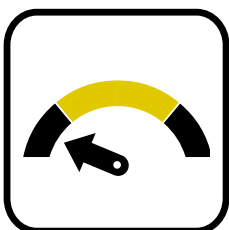


Data points:
517
per unit/month

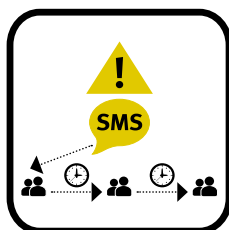
IMMEDIATE ALARM IF THERE IS A PRESSURE DROP OR A PRESSURE IS EXCEEDED | NOTIFICATION OF MAINTENANCE PERSONNEL | CALCULATION OF LEVELS AND EARLY FORECASTING OF MAINTENANCE INTERVALS | INTERFACE WITH SCADA SYSTEMS | DISPLAY OF HISTORICAL DATA

Application sheet

The application of Microtronics in pressure measurement



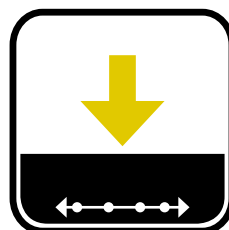
Immediate alarm if there is a pressure drop or a pressure is exceeded



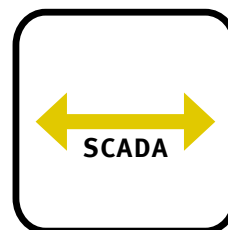
Notification of maintenance personnel



Selectable notification method (e-mail, SMS, voice call)



Calculation of levels and early forecasting of maintenance intervals



Interface with SCADA systems



Display of historical data



Requirements

- Pressure measurement on pipelines, power units and high-pressure cylinders
- Battery-operated data acquisition devices with a service life of 5 years
- Centralized storage and display of data
- Alarm in the event of critical pressure values
- Easy creation of reports and statistics from historical data
- Integration of pressure values into SCADA systems
- Forwarding of the measured values to a control centre

Functional description

With its wireless data acquisition technology Microtronics offers an efficient expansion for pressure measurements. The field device acquires the pressure values from connected sensors. If there is a pressure drop or a pressure is exceeded, an alarm is immediately forwarded to the maintenance personnel by e-mail, SMS or voice call. Data transfer takes place wirelessly and is a fixed component of Microtronics's Managed Service. Statistics and reports are generated on the central web server from the historical data and are then sent automatically by e-mail. The data can be integrated into your business processes via various interfaces on the web server.

Key functions

- Immediate alarm if there is a pressure drop or a pressure is exceeded
- Notification of maintenance personnel
- Selectable notification method (e-mail, SMS, voice call)
- Calculation of levels and early forecasting of maintenance intervals
- Interface with SCADA systems
- Display of historical data
- Under- and over-pressure measurements
- Density measurements
- Relative and absolute pressure measurements

Fields of application

- Measurement on hydraulic units
- Pressure monitoring in pipelines
- Pressure measurement of working gases in high-pressure cylinders
- Pressure monitoring in the pneumatic system
- Units for industry and railways
- Infrastructure equippers in the water supply sector
- Measurement of differential pressure



myDatalogEASYplus, device for the acquisition of pressure values

Components

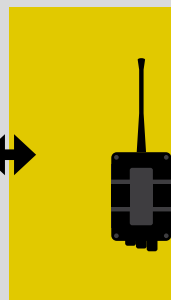
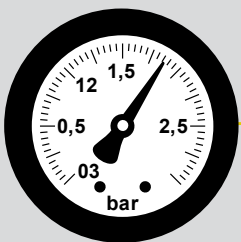
Asset monitoring

myDatalogEASYplus

Managed Service
Prepaid

myDatanet
Business Server

User



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