

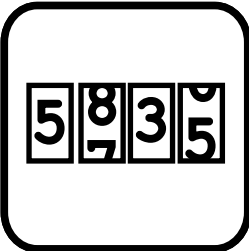
Application Sheet
Automatic Meter Reading
Microtronics inside

Data Points:
24.000
per unit/month

THE LATEST METER READING AT ANYTIME AND EVERYWHERE | SERVICE AND SET-UP APP FOR SMARTPHONES | FLOW RATE CALCULATION | DEMAND PROFILE ALARMING | DISTRICT MONITORING

Application Sheet

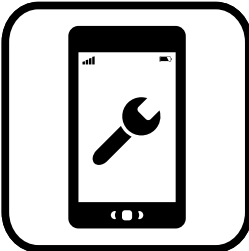
The application of Microtronics in automatic meter reading



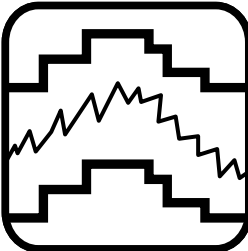
Automatic meter reading



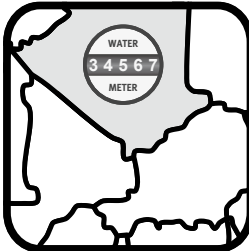
Strongest GSM network guaranteed



Service and set-up app for smartphones



Demand profile alarming



District monitoring

Requirements

- Automatic collection of meter reading data for billing of end consumers
- Fulfillment of legal requirements
- Battery-operated data with a service life of 5 years
- Wireless data transmission to a central server
- Data storage and data visualisation on a central server

Functional description

The wireless data transmission technology by Microtronics provides operators and systems integrators with an efficient system to monitor meter readers. With myDatalog water, gas and energy meters can be extended easily. The field device collects the meter reading data and transmits it automatically to the central server. The data is stored and displayed on the server. Data transfer is a fixed component of Microtronics' Managed Service. IT interfaces guarantee an easy integration into your business processes.

Key functions

- Automatic meter reading
- Service and set-up app for smartphones
- Smartphone displays the nearest meter reader
- Automatic selection of the strongest GSM network available
- Customer-defined demand profiles (min/max)
- Demand profiles with time schedules
- Demand profile alarming
- District monitoring
- Precise time synchronisation of all meters
- IP68 protection class

Fields of application

- Water meter in industrial and private sector
- Demand monitoring of car wash stations
- District heating meters
- Electricity meters
- Gas meters
- Demand monitoring of concrete mixing trucks



myDatalogNANOamr, data logger for meters

Components

Asset monitoring

myDatalogNANOamr

Managed Service

Central Platform

User

