

MiniReader

Mobile read-out device



Special Features

- Handy shape
- Simple operation
- Reliable convenient read-out
- Easily legible two line LCD display
- No deviation from the meter reading
- Readout of meter number and meter reading with corresponding measuring unit
- Memory for 16 meters
- Low battery warning

Equipment

- Handy plastic housing
- Membrane keypad with 3 operating buttons
- Two-line LCD display
- Inductive interface
- 9 V block type battery

Description

The MiniReader® is an ideal device for simple quick read-out and display from consumption meters, with integral or external inductive interface.

The handy housing, simple operation and clearly readable display guarantee efficient use. The internal monitoring functions for read-out and battery check and the secure storage of data in an EEPROM provide reliable protection against data loss.

The automatic sensing of the meter being read, with corresponding decimal and measurement unit display, avoids mix-ups and read-out errors.

Due to the large memory for up to 16 meters, efficient read-out is possible. The scrollable display of data allows reliable transfer of the data into read-out lists or similar in a suitable environment. The memory can then be deleted.

The baud rate is selectable to adjust to the type of meter being read out.

Displays or Outputs

Meter number (8 characters)
Meter reading (max. 8 characters)
Internal data record number (1 - 16)
Units of measurement: MWh, GJ, m3
Selectable baud rate
The version number of the MiniReader
Error messages / battery warning
Signal tone for successful read-out
Signal tones for read-out errors

Functions

Scrolling through the stored data records
Deleting the stored data
Selection of the baud rate (300 or 2400 baud or auto)

MiniReader® consumption meter readout

The technical data for the individual units can be found on separate data sheets. All meters are connected with a MiniPad 182079.

Meter type	Range
Water meter	630C volumetric domestic water meter with Opto-Encoder counter*
	DYNAMIC large water meter, with encoder, hybrid or electronic counter
	MeiStream and MeiStream Plus water meters with Encoder*
Energy meters *	PolluCom E (optional with MiniBus output)
	PolluTherm
	PolluStat E
Data Capture*	HRI, HRI-Mei, Residia M
	accupuls

*Requires Firmware V2.1 and following

Ordering notes

Description	Ordering No.
MiniReader® - Mobile read-out device in case with belt loop	182080

The Opto-Encoder for water meters

The OPTO-ENCODER is a patented opto-electronic read-out system for water meters.

The meter reading is taken directly at the rotary mechanism with no errors.

This guarantees absolute agreement between the meter reading and the remote read-out.

In addition to the meter reading, the Opto-Encoder counter transmits a secure meter number, programmed in at the factory. The read-out is done through an external data coupler.

The energy needed to operate the electronics during the read-out is supplied by the MiniReader®. Thus the encoder counter does not need its own or an external power supply.

The Opto-Encoder is the ideal read-out technology for all hard to reach measuring points.

It provides comfortable remote read-out with absolutely secure transmission.



Certified according to ISO 9001
Quality Management System OQS Reg.no. 3496/0

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