



Special Features

- AMR interface to all meters with pulse interface
- Key date billing
- Mobile Reading "Walk-by"
- Fixed Network Reading



Description

The accupuls accumulates pulses to an integral index and stores additional values such as:

- Monthly / Annual values
- Current flow rate
- Minimum / Maximum flow rate

This data can be read mobile with a handheld computer or read remotely in an M-Bus wired fixed network.

Accupuls can read out meters without data interface, these can be:

- Bulk water meters \geq DN 400 (e.g. WP QF with REED 01)
- MIDs (Magnetic Inductive Meters) (e.g. Meimag MAG 3100 / 5000)
- High pressure meters (e.g. WP QF PN 25/40 with REED 01)
- Hot water meters (e.g. WSD with Reed RD 02)
- Meters of other manufacture

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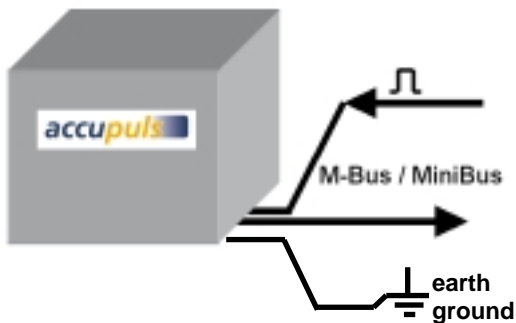
Technical Data

Pulse input

according to ISO / TC 30 / SC 7 / WG 8 draft paper

- Voltage input: max. 24 V
- Internal pull up resistance: 2.2 MOhm
- Max. input frequency: 12 Hz
- Min. pulse length: 32 ms open/close
- Cable length: 3 m

cable extension with KFA6-SR2-EX1: several km with transient voltage protection



Data output

- M-Bus and MiniBus (Auto speed detection and automatic switch over)
- Protocol according to IEC 870 / EN 1434-3

Data

- Counter reading
- Meter-ID, fabrication number and customer location
- Momentary flow rate
- Minimum flow rate and date/time
- Maximum flow rate and date/time
- Annual key date values
- Last year and year before last year
- Key date programmable (e.g. 31. Dec.)
- Monthly key date values
- Last 12 months
- key-date programmable (e.g. 15th of the month)

Settings

- Input pulse value (Default: 1 m³)
- Start index (Default: 0 m³)
- Annual key date (Default: 31. December)
- Monthly key date (Default: 1st)

Protection class

- IP 68 (1 week under 1 meter water)

Operating life time

- 8 year (lithium battery)

Temperature range

- Storage: 0° to +50° C
- Operation: 0° to +50° C

Order Information

accupuls

Order No. 182096

Programming Tool

Order No. 182099

The tool includes:

- MiniPad and MDK-PC to connect the accupuls with a PC,
- MiniCom PC software to program and read out the accupuls.

Accessories:

KFA6-SR2-EX1
Order No. 820529

For details of accessories such as readout devices (e.g. Inductive Meter Reading System), software (e.g. DOKOM Mobil) etc. please see separate leaflets.

