

ER

No Moving Parts Electronic Register

Arad introduces the new Electronic Register (ER) with no moving parts - offering information about the flow of agriculture, industry and urban water supplies.

The ER incorporates all the advantages of the existing Arad Electrical Output mechanical meters while offering additional added value such as:



Key Features

- No moving parts
- Flexible data format including flow direction, flow rate and volumes
- Two pulse outputs for volume indication including bi-directional outputs
- Programmable volume display- forward / reverse / total
- ER lifetime- more than 10 years
- AMR and cellular network ready
- IP68

Simple and Brilliant - Improved accuracy and sensitivity

- Improved sensitivity of all the basic mechanical meters by upgrading the conventional method of magnet coupling with super sensitive sensors
- New and smart measuring algorithm allowing increased accuracy and custom made products build to suit our customers' demands and needs.

Build to Last - Rugged mechanical design

- Using military standard testing guarantees that the ER is immune to even the most extreme environmental hazards
- The ER's rugged mechanical design will survive any installation - be it extremely cold or hot weather or even submerged installations

Increased meter performance - Upgrading any mechanical meter

- The ER transforms any regular mechanical meter into a Smart Meter. Flow rate indication, programmable outputs and high resolution are only part of the meter capabilities when upgraded with the ER
- By just installing the new ER on a mechanical meter the meter performance is enhanced and longer shelf life is achieved



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All existing Arad water meters with mechanical registers can be easily upgraded to include the new ER.



BM



WSTsb Bayonet

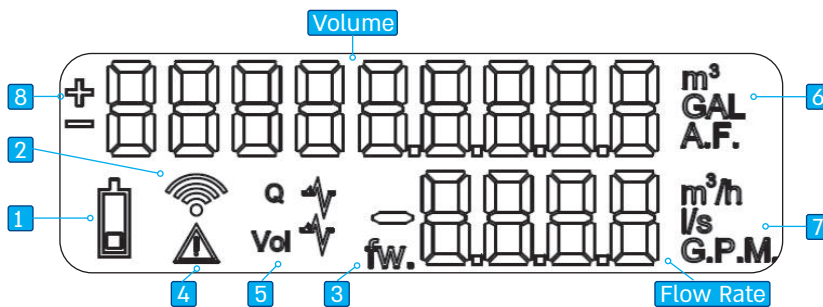


IRT



WSTsb

ARAD ER Display



Applicable icons:

1. Battery level indication
2. Active communication
3. Firmware - For software version representation
4. General warning
5. Volume pulse output and Frequency pulse output
6. Volume units: Cubic meter, Gallon, Acre-Foot
7. Flow Rate units: m³/h, l/s, G.P.M
8. Accumulated volume direction