Romet AdEM®-T Module

Electronic Reliability You Can Count On

Romet Limited is pleased to offer our next generation of direct mount temperature compensating electronic modules for both Romet and Dresser rotary gas meters. The AdEM®-T has a compact, rugged, service-free, tamperproof and weather resistant design with a high level of accuracy and customization. With a nominal battery life of 20 years, the AdEM-T makes an ideal replacement for mechanical TC indexes.

Romet RMT Meter with AdEM-T and patented independent backup index

Romet has developed a single adapter plate that will allow our AdEM-T to be installed on Romet RM 600-56M rotary meters and RMT 600-23M rotary meters. We also have a single adapter plate for Dresser B3 meters ranging from 8C to 56M and LMMA meters ranging from 1.5M-16M.

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Custom AMI-AMR Installation Options

Romet offers a full line of mounting brackets for the installation of an AMI-AMR device of your choice. Our custom solutions can be easily field installed or mounted and programmed at our factory to reduce installation costs and improve reliability.

Specifications

- 20 year Nominal Battery life
- Battery life indicated in months or percentages
- End of Battery Life Warning
- Long Lasting Lithium Battery
- Non-volatile EEPROM Memory with full Audit Trail
- 100 days of hourly readings
- 672 daily logs
- 102 alarm logs stamped with time and date
- 200 event logs
- Live Temperature compensation
- Fixed or customizable pressure factor
- Total Accuracy of +/-0.3%
- Expands meter rangeability to 200:1
- Standard Ambient Temperature: -40 to 158F
- Four output pulses available:
    - Two isolated volume pulse output channels (corrected and uncorrected)
    - One isolated pulse output for alarm or volume (corrected or uncorrected)
    - Additional isolated corrected pulse output channel for AMR/AMI devices
- Serial communication port- RS232 or RS485
- Hayes compatible modem communication
- Optional portable keyboard
- Highly sensitive temperature sensor
- Fixed/Configurable Parameters with Multiple levels of security
- Compatible with Itron, Sensus, Aclara, Cellnet and other AMI/AMR Devices

- Convenient one touch push button proving mode
- Quick and efficient proving with a Model 5 prover
- Rugged single scroll button with up to 15 display parameters
- Large, easy to read LCD 8 digits, 14 segment semi alpha-numeric
- UV resistant engineered polycarbonate enclosure
- Electronics sealed in silicon potting material for improved reliability and product life
- Water resistant
- Adapter plates for Dresser LMMA & B3 meters
- Nominal 20 year Calibration – 3 points temperature calibration

AdEM Approvals/Certifications

- Intrinsically Safe Class I Division 1 & 2 Group D
- IECEx Certification of Conformity - 60079 Intrinsic Safety
- Measurement Canada Approval AG-0593
- CSA Approval 2277666
- ATEX Approval FTZU 08 ATEX Q 004 & FTZU 05 ATEX 0274X
- MID Approval SK 14-QD-SMU017 & SK 13-MI002-SMU005
- New York State Approval Pending
- Third Party Qualification Testing – Gas Technology Institute
- CE Declaration of Conformity

Contact us today for more details!

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