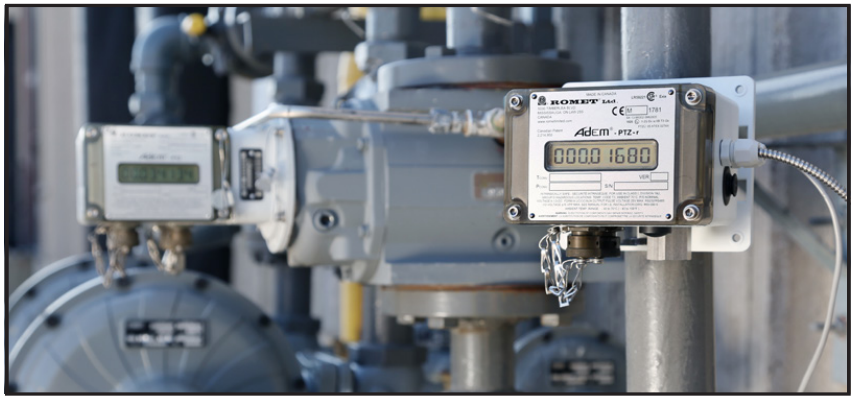
Romet AdEM®-PTZ-r Module

Smart Measurement With The AdEM® -PTZ-r

Romet is pleased to offer the AdEM® in the new remote mount and instrument-drive mount configuration. With the ability to account for temperature, pressure and supercompressibility, as well as having a nominal battery life of 15 years, the AdEM-PTZ-r makes an ideal upgrade to any system requiring instrumentation. The AdEM-PTZ-r has a compact, rugged, service-free, tamperproof and weather resistant design with a high level of accuracy and customization.



Remote Mount AdEM®-PTZ-r

As a remote mount model, the AdEM-PTZ-r provides the same ease of use and enhanced user experience as the tried-and-true AdEM-PTZ, but also can function as a pressure and temperature recorder to monitor local gas distribution and to electronically monitor pressure and temperature in the gas distribution and transmission grid.



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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.





Specification

- Compatible with any meter with Standard Dry Contact Pulse output
- 15 years 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
- 3000 records (expandable to 6000) of hourly readings for 10 audit trail parameters
- 1024 daily logs
- 100 alarm logs (expandable to 200) stamped with date and time
- 166 event logs (expandable to 400)
- Live or fixed temperature and pressure compensation
- Fixed pressure factor (customizable)
- Total accuracy (nominal): +/- 0.3% of reading
- Standard ambient and gas temperature: -40F to +158F (-40C to +70C)
- 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
- Customizable pulse width and pulse spacing
- Serial communication port - RS232 or RS485
- Analog and cellular modem compatible
- Modbus protocol available
- Optional portable keyboard
- Highly sensitive RTD sensor
- Fixed/configurable parameters with multiple levels of security
- Compatible with Itron, Sensus, Aclara, and other AMI/AMR devices
- Standard sensor ranges 0-200 PSIG and 10-190 PSIA (other pressure ranges available on request)
- 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
- Weather resistant
- Nominal 12 year calibration
  – 1 point temperature calibration
  – 3 point pressure calibration

AdEM-PTZ-r Approvals/Certifications

- Intrinsically safe Class 1 Division 1 & 2, Group D
- CSA Approval 2277666
- ATEX Approval FTZU 08 ATEX Q 004 & FTZU 05 ATEX 0274X (Pending)
- IECEx Certification of Conformity - 60079 Intrinsic Safety (Pending)
- MID Approval SK 17-QD-SMU-017 & SK 13-MI002-SMU005
- Third party qualification testing – Gas Technology Institute
- CE Declaration of Conformity
- Measurement Canada (Pending)

Contact us today for more details!

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