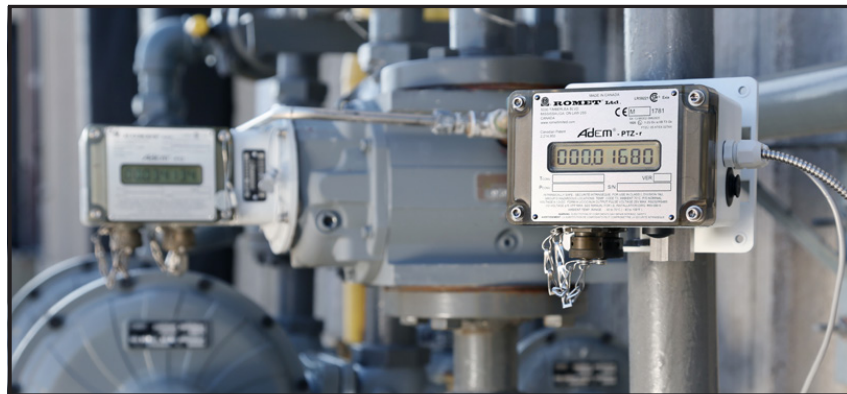


# Romet AdEM<sup>®</sup>-PTZ-r Module

## Smart Measurement With The AdEM<sup>®</sup> -PTZ-r

Romet is pleased to offer the AdEM<sup>®</sup> 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<sup>®</sup>-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-QDSMU-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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