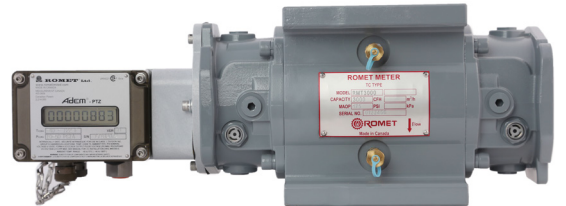# Romet AdEM®-PTZ Module

## One Size Fits All With The AdEM® Click

Romet Limited is pleased to offer our next generation of direct mount electronic instrumentation with the ability to account for temperature, pressure and supercompressibility. Available for both Romet and Dresser rotary gas meters, the AdEM®-PTZ has a compact, rugged, service-free, tamperproof and weather resistant design with a high level of accuracy and customization. The AdEM-PTZ comes standard with Romet's patented AdEM Click technology, allowing for seamless installation between Romet and Dresser rotary meters. With a nominal battery life of 15 years, the AdEM-PTZ makes an ideal upgrade to any system requiring instrumentation.



AdEM® Click

Adapter kits sold separately

## Remote Mount AdEM®-PTZ-r

The Romet AdEM-PTZ is also available as a remote mount model. The proven platform of the AdEM offers an alternative configuration to utilize the advanced measurement capabilities of Romet electronics. As a remote mount model, the AdEM-PTZ-r provides the same ease of use and enhanced user experience as the 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.



# ROMET

**Measuring energy globally**

# Upgrade Your Rotary Meters With The Latest Electronics In A Matter Of A Click



With the AdEM Click you can carry one electronic corrector to fit all sizes and brands of rotary meters in your system.

• Simple    • Reduced inventory    • Reduced truck rolls



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

- 15 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
- Up to 256 days of hourly readings
- 1024 daily logs
- 102 alarm logs stamped with time and date
- 166 event logs
- Live or fixed temperature and pressure compensation
- Fixed pressure factor (customizable)
- Total accuracy of +/-0.3% nominal (% of reading)
- Expands meter rangeability to 200:1 (direct mount)
- 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
- Standard sensor ranges 0-200 PSIG and 10-190 PSIA. Other pressure ranges available on request.

- Standard with patented AdEM Click technology (direct mount)
- Compatible with Itron, Sensus, Aclara, and other AMI/AMR devices
- Convenient one touch push button proving mode (direct mount)
- Quick and efficient proving with a Model 5 prover (direct mount)
- 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
- Adapter plates for Dresser LMMA & B3 meters (direct mount)
- Nominal 12 year calibration
  – 1 point temperature calibration
  – 3 point pressure calibration

### AdEM-PTZ 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
- IECEx Certification of Conformity - 60079 Intrinsic Safety
- Measurement Canada Approval AG-0606
- MID Approval SK 17-QD-SMU-017 & SK 13-MI002-SMU005
- New York State approved
- Third party qualification testing – Gas Technology Institute
- CE Declaration of Conformity

## Contact us today for more details!



## Measuring energy globally

Canada 905-624-1591   USA 1-800-387-3201

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