



Technotrade
Forecourt automation



Smart LPG Dispensers



TS1222



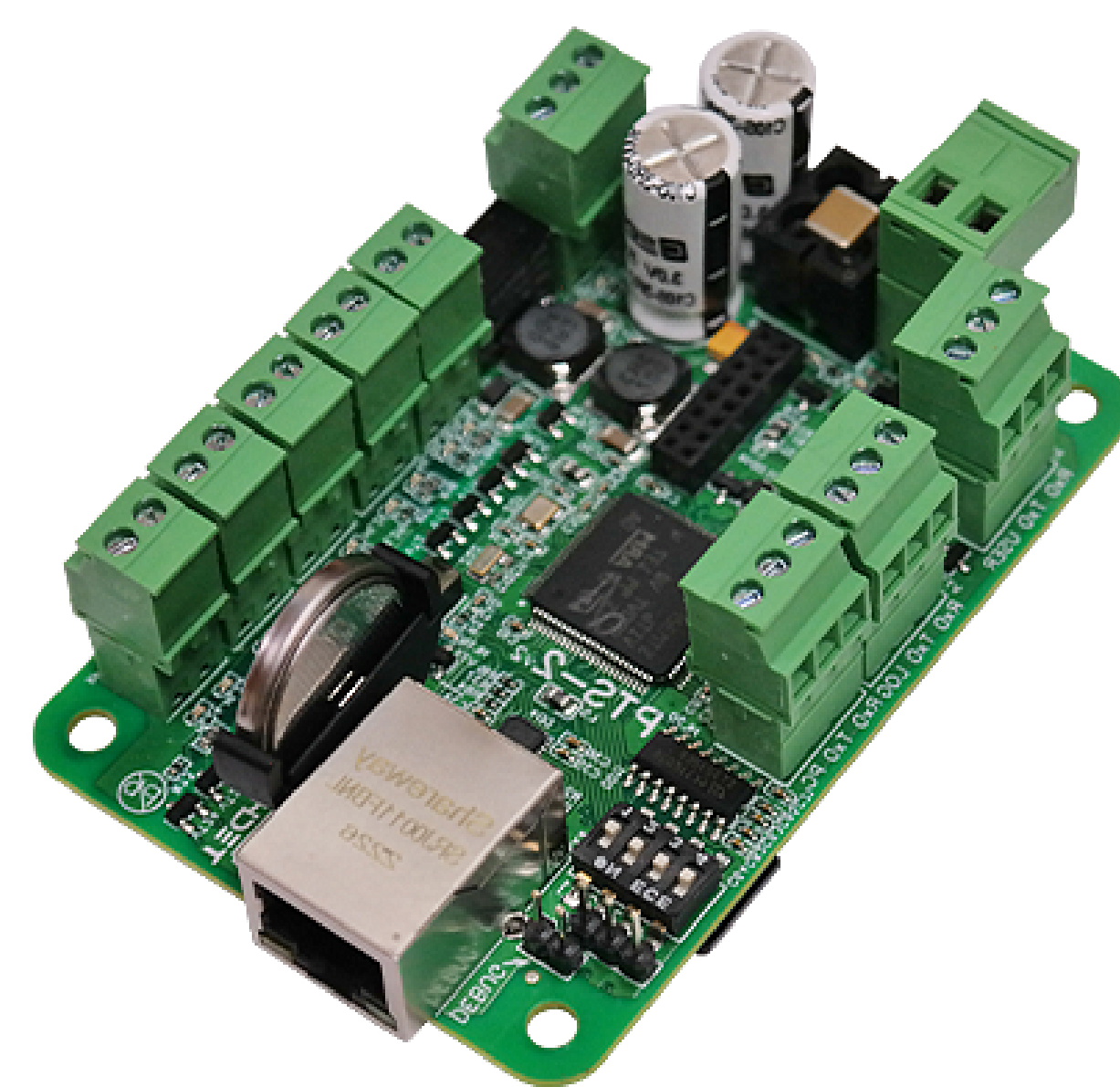
CZL-TS1111

- High accuracy
- Long lifetime
- High reliability
- Easy maintenance
- Flexible configuration

**Secure. Reliable.
Intelligent.**

Smart automation system (optional):

- PTS-2 IoT forecourt controller
- Wireless connection to dispensers
- Payment terminals integration
- E-invoicing
- Cloud server for reporting and analysis



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General
Information

CZAR LPG dispensers combine advanced electronics and robust mechanical design for high-performance LPG retail operations. Equipped with a maintenance-free 4-piston magnetically coupled flow meter, 24 VDC dual-flow solenoid valve, ATC functionality, onboard temperature sensor, encrypted AES-256 data storage, and predictive maintenance alerts, it ensures accurate and secure dispensing. The unit operates from -25°C to +55°C, delivers 4–40 LPM at up to 25 bar pressure, and provides ±0.5% measurement accuracy. Certified to ATEX, OIML, PESO, and LM-India requirements.

Specifications

- **4-Piston Flow meter**
- Magnetically coupled
- Maintenance free
- **LPG nozzle with brass and aluminium sleeve**
- High surface stainless steel **reusable filter**
- **2-PisAES-256 & family integrity** between all cards
- **Unlimited** transaction data
- **Programable** Predictive Maintenance **Alerts**
- **Display with power back up of 15 minutes**
- On board temperature sensor
- Logs for unlimited transaction data
- ATC functionality
- HTN or PMVA displays
- 20x4 informative LCD
- **24VDC dual flow Solenoid Valve**

Performance

Operating temperature range: -25°C to 55°C

Design Pressure: 25 bar

Delivery Speed: 4 – 40 LPM

Minimal measured quantity: 2 L

Accuracy range: ± 0.5 % with MMQ of 2L
(Class 1)

Certified: ATEX, OIML, PESO, LM-India