



**Technotrade**

Forecourt automation

# Electronic Counter Register

## ER 79 ECR

The accuracy and precision at any pressure and flow rate.



## Simple. Reliable. Efficient.

Dependable performance with high petroleum products.

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## General Information

**ER 79 ECR** (Electronic Counter Register), was designed suitable for the positive displacement meters which can be easily installed and has a high accuracy in measurement. Owing to the fact that ER 79 ECR is mainly put on in dangerous areas, it had been designed to be protected against explosions. Its case, in which electronic circuits (display card, pulser card, mainboard) are installed. There is a window on the case for screen and a membrane switch keyboard on the front panel. Entire system was designed as providing robustness, usage, installation and maintenance easiness.

## ATC

The volume of fluids varies according to the changes in temperature. Automatic temperature compensation, referred to as ATC (Automatic Temperature Compensation), is the calculation of how much the measured volume at the current temperature of the fluid will be when the temperature is 15°C. Thanks to the ATC process, volume values that are measured at different temperatures when picking up and delivering a fluid product, the volume values that should be at 15°C in are automatically calculated and the inequalities are eliminated.

## Features

**Dimensions (WLH):** 28.5 × 27 × 19 cm

**Weight:** 9.6 kg

**Operation temperature:** -20°C / +50°C

**ATC Probe Operating Temperature:** -40°C / +150°C

**Display:** Volumetric Determination 999999 liters

**Inputs:** 1 × ATC probe input, 12/24 vDC feed input

**Outputs:** 1 × printer output, 1 × dry contact (motor) output, 2 × dry contact (solenoid valve) output

**Power supply:** 12/24 vDC

**Communication:** 2 × RS485 automation output

**Body:** Ex-Proof features, aluminum cast body

## Specifications

- Instant volume calculation and display
- Automatic Temperature Compensation (ATC)\* calculation and display
- Total volume calculation and display
- High permanent memory capacity
- Secured protection
- Daily flow monitoring
- Automation suitability
- Direct contribution addition and blending management
- Valve control capability
- Compatibility with vehicle identification systems

## Material

**Display:** Polycarbonate Glass

**Casing :** Cast Aluminium (AlSi10Mg)

