



THE ELECTRONIC VOLUME CONVERTER HIGH END BATTERY-POWERED EVC FOR SMART METERING

- HIGH ACCURACY AND STABILITY OF MEASUREMENT
- 2G/3G/4G TRANSMISSION VIA TRMC
- IDEAL FOR BILLING
- MID AND ATEX APPROVED
- LONG BATTERY LIFE : 15 YEARS
- COST EFFECTIVE

GET IN TOUCH TO DISCUSS YOUR USE-CASE AT
SALES@TETRAEDRE.COM



DESCRIPTION

THE TEVC-1 IS THE HIGH END EVC FOR BILLING PURPOSES. RELIABLE TRANSMISSION THROUGH A 4G TRMC. SEVERAL METERS COMMUNICATION PROTOCOLS AVAILABLE.

INTERFACE

- DIGITAL

DIMENSIONS

- LENGTH 263 mm x WIDTH 201 mm x HEIGHT 111 mm

TECHNICAL SPECIFICATIONS

- VOLUME MEASUREMENT FOR ONE METER
- PRESSURE RANGE 0.8-10 bar ABSOLUT
- PULSE OR SCR CODER OR NAMUR INPUT
- ATEX CERTIFIED ZONE 0, ZONE 1, ZONE 2
- MID CERTIFIED
- HIGH ACCURACY
- 17 Ah BATTERY (15 YEARS AUTONOMY)
- ALARMS OUTPUTS CONFIGURABLE BY THE CUSTOMER
- IP66 RATED FOR OUTDOOR ENVIRONMENT
- EXTERNAL PRESSURE SENSOR WITH 2.5 m
- TEMPERATURE RANGE : -25°C - +70°C
- TEMPERATURE SENSOR LENGTH 50 mm
- TEMPERATURE SENSOR CABLE LENGTH 2.5 m
- PRESSURE UNIT: bar
- BASE PRESSURE: 1.01325 bar
- TEMPERATURE UNIT: °C
- BASE TEMPERATURE: 0°C
- SIZE OF TIME ARCHIVE IN INTERNAL MEMORY: 194 MONTHS
- INPUT FOR EXTERNAL POWER SUPPLY

POWER

- REPLACEABLE, INTERNAL BATTERY 15 YEARS

VERSIONS

- TEVC-1-PULSE
- TEVC-1-SCR
- TEVC-1-NAMUR

USE-CASES

- ENERGY
 - GAS
- INDUSTRY
 - MONITORING
 - ALARM SYSTEMS



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