



CONSOLES

AUTOMATIC TANK GAUGE
SERVICE STATIONS AND DEPOTS



STATE OF THE ART
MAGNETOSTRICTIVE
ATG TECHNOLOGY

Petrotec



PRECISION

MAIN FEATURES • WET STOCK MANAGEMENT UP TO 36 TANKS

- ▶ Wide graphical display with resistive graphical 7" TFT resistive touch screen
- ▶ Easy and smart configuration tools through local graphical interface or web
- ▶ Interface protocols with the main communication protocols used by the more common station management systems (Petrotec, Petrotec Neuron, Gilbarco, Doms, Dresser, Wayne, Tokheim, etc)
- ▶ Automatic reconciliation
- ▶ Dynamic and statically leakage
- ▶ Tank auto-calibration
- ▶ Deliveries, trends, events, alarms recording
- ▶ Pressure Level Leak Detection management (PLLD)
- ▶ The display shows:
 - ▶ Product level/mm
 - ▶ Interface level/mm (water pesence detection)
 - ▶ Real and compensate volume at 15 °C in liters
 - ▶ Product mean temperature 5 temp. sensors
 - ▶ Volume of empty part in liters (ullage)

SYSTEM CHARACTERISTICS

- ▶ CPU Cortex ARM A7 @ 528 MHz processor
- ▶ 512 Mb DDR3L memory
- ▶ Storage event recording (8Gb micro-SD card)

MECHANICAL CHARACTERISTICS

- ▶ IP 41 protection degree polycarbonate enclosure
- ▶ Enclosure dimensions 280 x 170 x 60 mm

ELECTRICAL CHARACTERISTICS

- ▶ Power supply 100-230 V_{AC}
- ▶ N. 8 programmable input channels I/O digital or analogic 4-20 mA two wires
- ▶ Up to N. 4 programmable relays 125VAC 2A SPDT alarms output
- ▶ RS 485 field bus wiring
- ▶ N. 2 RS 232 (communication to POS and/or serial printer)
- ▶ Ethernet port
- ▶ N. 2 USB ports

INTEGRATED INTRINSICALLY SAFE BARRIER (UP TO 10 TANKS)

Certificate AR18ATEX039
FISCO POWER SUPPLY



II (I) G [Ex ia Ga] IIB
Tamb = -20 +40°C

PRECISION TFT



MAIN FEATURES

- ▶ Manages up to 4 tanks
- ▶ Colour 3,5" TFT touch screen graphical display
- ▶ Tank strapping table (100 linearization points)
- ▶ The display shows:
 - ▶ Product level/mm
 - ▶ Interface level/mm (water pesence detection)
 - ▶ Real and compensate volume at 15 °C in liters
 - ▶ Product mean temperature 5 temp. sensors
 - ▶ Volume of empty part in liters (ullage)

MECHANICAL CHARACTERISTICS

- ▶ Aluminum pressure die casting enclosure IP 68 degree protection up to 1m. water submersion

ELECTRICAL CHARACTERISTICS

- ▶ N. 4 programmable input channels I/O digital or analogic 4-20 mA two wires
- ▶ Up to N. 4 relais 125VAC 2A SPDT alarms output programmable
- ▶ N. 2 RS 485 field bus and system wiring
- ▶ RS 232: external serial printer

PRECISION MARS



MAIN FEATURES

- ▶ Explosion proof design
- ▶ Manages up to 4 tanks
- ▶ Colour 3,5" TFT touch screen graphical display
- ▶ Tank strapping table (100 linearization points)
- ▶ The display shows:
 - ▶ Product level/mm
 - ▶ Interface level/mm (water pesence detection)
 - ▶ Real and compensate volume at 15 °C in liters
 - ▶ Product mean temperature 5 temp. sensors
 - ▶ Volume of empty part in liters (ullage)

MECHANICAL CHARACTERISTICS

- ▶ Aluminum pressure die casting enclosure IP 68 degree protection up to 1m. water submersion
- ▶ N. 2 buttoms to activate the internal battery back up recovery and to change the pages

ELECTRICAL CHARACTERISTICS

- ▶ N. 4 programmable input channels I/O digital or analogic 4-20 mA two wires
- ▶ Up to N. 4 relais 125VAC 2A SPDT alarms output programmable
- ▶ N. 2 RS 485 field bus and system wiring
- ▶ RS 232: external serial printer

Certificate AR18ATEX039
FISCO POWER SUPPLY



II (1) G [Ex ia Ga] IIB
Tamb = -20 +40°C



PRECISION PRN



MECHANICAL DIAL LEVEL INDICATOR

- ▶ Wall mounting printer
- ▶ Polycarbonate IP41 enclosure
- ▶ Enclosure dimensions 151 x 125 x 60 mm
- ▶ 200 dpi high quality speed
- ▶ Width paper 58 mm
- ▶ Paper 55-70 g/mq, Ø 50 mm
- ▶ Power supply 220Vac
- ▶ 4Mb flash internal memory logos and fonts
- ▶ RS232 interface
- ▶ International fonts available
- ▶ Sensors: temperature head, paper presence
- ▶ UL, CE, FCC compliance
- ▶ Temperature extended -20 +70°C



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