



1216 Portable Gauge Overview

Features:

- # Holds tank data of up to 100 tanks, pre-entered and stored in internal non volatile memory
- # Automatic tank recognition (each tank has a unique transponder)
- # User selectable engineering units
- # Direct level measurement (ullage or innage)
- # Temperature measurement of up to 20 spots (displays single spots and average)
- # Interface measurement
- # Data readout on the backlit, LCD display / touch pad.
- # Accurate, reliable measurement (if not measured accurately, data is not registered).
- # PC software to download, record, display and print all data
- # Tape is repairable on site
- # User friendly menu by simple icons on LCD display / touch pad

Description:

- # Innage or Ullage display selectable
- # Gas tight
- # 9 Volts battery operated (IS approved)
- # LCD Touch Screen
- # User friendly menu by icons and touch pad
- # 50 last measurements recorded with time and date
- # Memorized data available on the LCD display
- # Download memory by infrared to a memory box (non I.S.)
- # Download of the memory box to a PC by RS232C
- # Automatic tank recognition by transponder
- # User selectable engineering units (metric or imperial)
- # Sensor position displayed on screen
- # Audio and visual alarm signal for each detection
- # Suitable for atmospheric and blanketed tanks
- # Accurate level measurement through fine adjustment knob
- # Tape cleaning facility trough adjustable wipers
- # Data Configuration in non volatile memory



AUTOMATIC TANK RECOGNITION BY TRANSPONDER (OPTION)

FEATURES AND BENEFITS OF TRANSponder (OPTION)

- A transponder receiver unit is available on the Model 1216 to enable automatic tank address recognition
- Transponder is to be fitted on each tank at the location of the gauge connection.
- Each transponder holds a unique tank address, corresponding to its characteristics such as tank height and the product stored. These data reside in the gauge's non volatile memory.
- When the transponder is positioned in front of the receiver, the portable gauge immediately identifies the transponder / tank number.
- All measurements are recorded according to the specific tank address.

EASE OF MAINTENANCE

- The sensor is calibrated automatically.
- The unit has wipers to clean the tape as it is reeled in.
- In case of tape damage, it can be cut and repaired by the user (toolkit available as option).

TECHNICAL DATA

LCD display	16 lines, 10 characters, graphical display and backlight
Range	20 / 30 / 35 meter, ~ 65 / 98 / 115 ft
Accuracy Level	± 1 mm Temperature ± 0.1°C Water interface: ± 2 mm
Sensitivity Level and Water	± 0.25mm Temperature : ± 0.01°C
Ambient Temperature	-20°C +65°C
Product Measured Temperature	-20°C +100°C
Data storage	50 last measurements and 100 tank addresses
Communication	Infrared / RS-232C
Sensor Calibration	Automatic
Total Weight	6.8 kg (30 m tape), 15lbs
Max. Service Pressure	0,5 Barg

CONSTRUCTION

Body Aluminium / Rilsan TM
Intrinsically safe sensing head Stainless steel
Perforated tape Stainless steel coated with Tefzel (PTFE)
Protection IP 65

CERTIFICATION

- Category : Ex II 1G
- Marking : EEx ia IIB T3 or T4
- ATEX : LCIE 03 ATEX 6379X
- Accuracy : French Douane (Customs)

