

EPACKLEVEL ELECTRONIC LEVEL SENSORS

The real time surveillance and control of the storage tanks

The electronic gauging device through magnetic gauge ensures an optimum surveillance and management of the product stocks in storage tank.

The information coming from the gauges can either be displayed on a console set up close to the storage tanks, or transmitted to the Epack management software in order to be exploited in real time.

Functionalities

- Real time in-tank product level on console and/or on the Epack management software
- In tank product level temperature compensated
- In tank water level
- In tank product level height
- Height of remaining emptiness
- Automated alarms on in-tank product level, presence of water in tank
- Automated alarm on suspicious drop of product in tank (anti-theft)
- Control of product receptions (filling)
- Summary on diagram (history of filling ups, receptions)
- Product density measurement specially adapted to bio-fuels
- Instructions for activation of optical or sound alarms
- Automatic calibration of the tank's gauging scale
- Transfer to printer, fax machine or Epack management software

Design features

- Certified leaks volumetric detection
- Continuous mode control of in-tank product volume (magnetostrictive technology)
- Built-in communication ports (RS232, USB) - centralized connexion possible up to 12 sensors (12 tanks)
- 2 input channels
- 2 output channels
- Display on LCD touch sensitive screen (320 x 240 pixels size)
- Measure unit in centimeters and millimeters - volume unit in liters
- 230 VCA +/- 10 % - 150 W - 1.5 A supplying
- Working temperature from 0° to 40° C
- ATEX EEx IA IIA - Demko 0430464X compliance

