

Get the high reliability of Turbine Meters for your LPG Bobtails and semi trailers

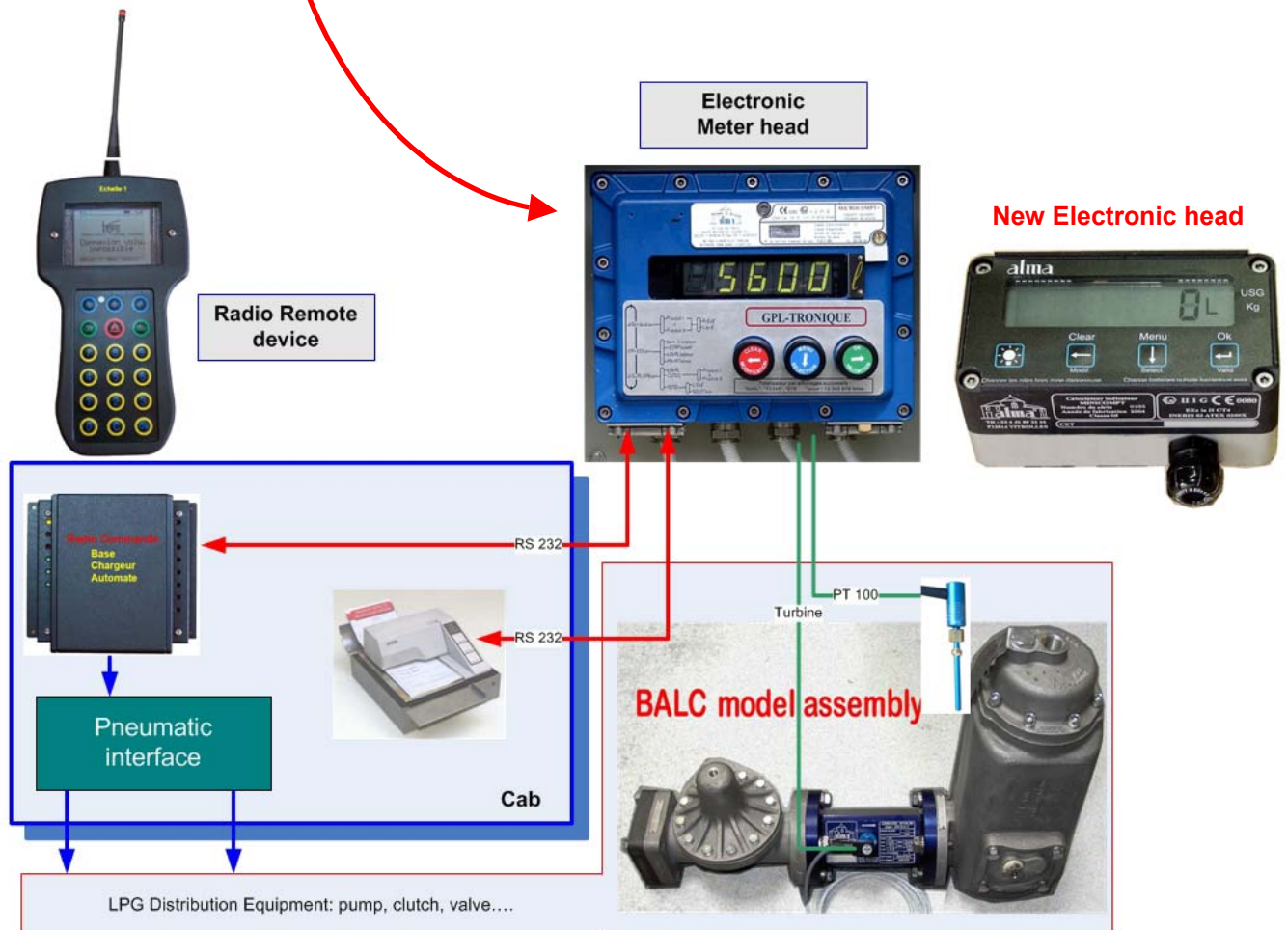


Get all the advantages of a Turbine Meter :

- Long life reliability, more than 10 years without parts to change
- High accuracy and stability, stop losing product !
- Small and light, easy to install, easy to calibrate

and all those of a powerful electronic controller :

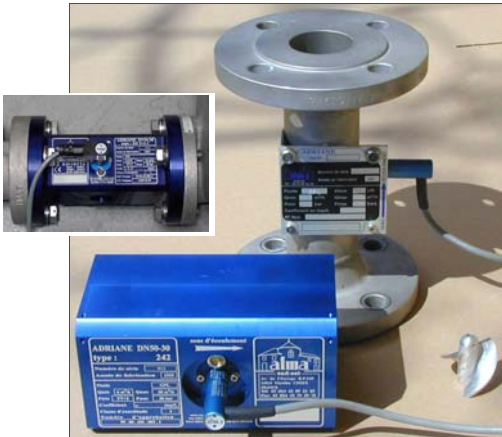
- Volume and temperature measurement; mass calculation ; display of all parameters
- Delivery full control, pre-set, Flow control, Inter-locks and Safety functions, ...
- Connection to Cab Printer, on-board Computer, Remote Control device, Electronic Payment Device, GPS / GPRS, ...



LPG Turbine Meter

High accuracy, repeatability and long life reliability
 Very low pressure drop: optimum flow rate
 Efficient double pulse transmitter for low flow control

Special aluminum housing for On Truck applications
 Flow conditioner integrated: **no straight lengths required**
 Vertical or horizontal mounting



Main characteristics:

- Flow Range: 6-30 m³/h
- Accuracy : ± 0.5% (class I), Repeatability: 0.02%
- Pressure Drop 0.1 b at 30 m³/h
- Pulses / liter: typical: 9.4
- Working pressure: 40 bar (tested at 60 bar)
- Housing: aluminum, square flanges 100x100, L 180mm
- Inox housing, 2" standard flanges, special arrangements

Pulse Emitter:

- EEx m IIC T5 or EEx ia IIC T4, Supply: 12 VDC, 20 mA.
- Protected against short cuts and polarity inversion
- Outputs: 2 open collectors, max 13.2 Vdc and 30 mA.
- Cable connection: 4 wires shielded, 3 m (longer on request)

Electronic Batch Controller MicroCompt - MiniCompt

- Cenelec Exproof EEx d ia IIB T6 certification
- Compliance with OIML R 117 and EMC
- Bright and large Display, robust Push-Buttons, easy to use
- Controls delivery, flow regulation, Pre-set
- Temperature measurement and correction
- Connection to Cab Printer (RS232): Bill of delivery, Bills, Reports
- Connection to Radio Remote Control device
- Connection to on-board computer, GSM Mobile, Electronic payment



MiniCompt, the new Electronic Meter-Head, designed to work with Radio-Control device. Can be tied to the turbine meter. Very light and cost effective solution.

EtaCompt

For quick and easy checks of LPG meters, Alma has developed a special **Autonomous & Mobile Metering device**, the **EtaCompt**.

