

## **Normond Gauge Information**

Normond Analogue gauges are an accurate and cost effective solution for remote liquid measurement and control. The gauges can be used with a variety of balance chamber materials, giving flexibility to monitor different fuel types and chemical products. The reliability and durability offered represent excellent valve for money.







G6 Series C Series E Series

|                             | G Series   | C Series  | E Series  |
|-----------------------------|--|---|---|
| Size of the Dial            | G6 150mm, G8 200mm<br>G12 300mm  | Scale diameter 150mm  | Scale diameter 150mm  |
| Power                       | Self-powered, well suited for use in hazardous or explosive environments and when power is unreliable or unavailable.  |   |   |
| Calibration                 | Gauges are individually calibrated to specific tank data. Gauges can be recalibrated many times throughout their lifespan, and can be calibrated in terms of volume, weight or depth.  |   | Universal, displays the tank contents as 0-100% of volume. Calibration by simple adjustment and separate red/black scales for use on cylindrical or rectangular tanks |
| Fail to Full Option         | Calibration to minimise the risk of overfill, recommended for monitoring dangerous or volatile liquids   |   | Not available   |
| Installation                | Gauges are supplied with simple installation and troubleshooting instructions and can be located remotely up to 120m from the tank.  |   |   |
| Operation                   | Gauges employ hydrostatic technology to obtain tank readings. A balance chamber is installed through the tank lid and is connected to the gauge via capillary tubing. Operation of the integral hand pump displaces the liquid from the balance chamber, resulting in a back pressure, which is registered by the gauge and displayed on the dial. |   |   |
| Balance Chamber             | Balance chambers and capillary tubing can be ordered separately  | Gauges are supplied as standard with everything necessary for basic tank monitoring, including a 'BCKIT' balance chamber, comprising of a brass weight and 10m capillary tubing and a tank entry fitting. |   |
| Temperature<br>Compensation | Yes, ensures high levels of accuracy   | No, lower cost alternative  |   |
| Construction                | Can operate from 1m to 9.2m head of water. Gauges are constructed in rugged ABS plastic with integral mounting bracket.  |   |   |
|                             | G- Series gauges contain a robust beryllium copper bellows held within a rugged temperature-compensating frame. This is linked to a Swiss rack and pinion movement ensuring linearity and high levels of accuracy.   | For stability and accuracy the Sw<br>capsule are housed in a die cast<br>single fixing point. This allows th<br>independently of any external fo  | frame, secured internally via a e gauge mechanism to operate  |