

## TECHNICAL DATA

**FOZMULA**  
INNOVATION IN SENSORS

### G/LL148 – 100mm hydrostatic contents gauge



The **Model G/LL148** is a closed hydrostatic gauging system which works from a remote transmitter. The continuous reading gauge, sealed to IP67, is designed to be panel mounted, but a universal mounting adaptor is an optional extra. The transmitter, sited on the floor of a tank, is constructed to minimise the risk of debris and contains a pressure sensitive diaphragm. It is connected to the gauge via a copper capillary.

The system is manufactured in the four ranges of tank depths shown below:

## SPECIFICATION

### Gauge:

#### Construction

**Nom diameter:** 120mm  
**Face diameter:** 95.7mm  
**Panel cut out:** Ø 75.5mm  
**Body material:** Aluminium  
**Window:** Polycarbonate

#### Other parameters

**Sealing:** IP67 to front of gauge  
**Max depth of tank:** See table below  
**Max length of capillary:** 10M  
**System priming:** Every 2 years or at the service interval of the tank

### Transmitter:

#### Construction

**Dimensions:** See drawing below  
**Body material:** Brass  
**Diaphragm:** Viton 70Q rubber  
**Weight:** 250g

#### Fluid Types

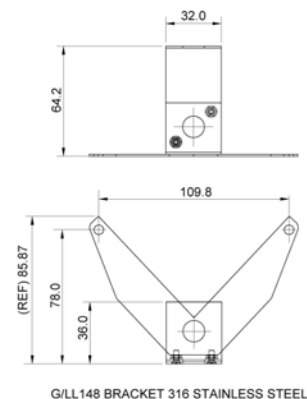
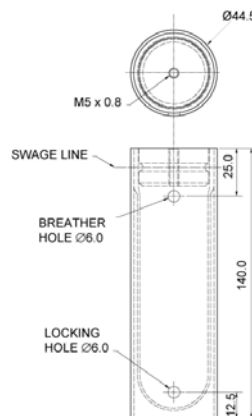
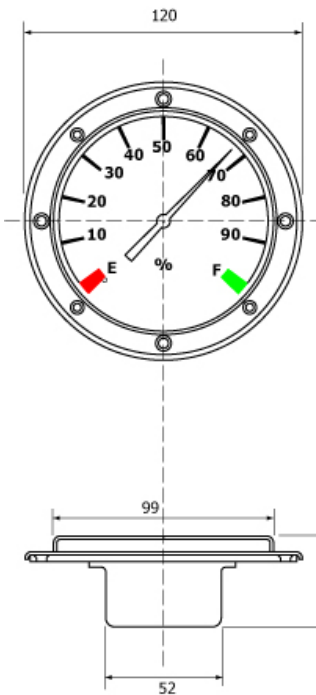
Fluids compatible with polypropylene, copper, brass & Viton 70Q rubber

#### Environmental Ratings

**Temp. ranges:** Fluid: -10°C to +40°C  
 Ambient: -10°C to +40°C  
 Transient: to +150°C (4 hours max)

Model	Min/Max tank depth - diesel	Min/Max tank depth - water
G/LL148/06	0 – 750mm	0 – 600mm
G/LL148/07	751 – 1250mm	601 – 1000mm
G/LL148/08	1251 – 2500mm	1001 – 2000mm
G/LL148/09	2501 – 3750mm	2001 – 3000mm

Note: Minimum tank depths are 300mm for water and 375mm for diesel



G/LL148 BRACKET 316 STAINLESS STEEL

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