

TECHNICAL DATA

FOZMULA
INNOVATION IN SENSORS

G/LL148 – 52mm 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: 61mm
Face diameter: 48mm
Panel cut out: Ø 53mm
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

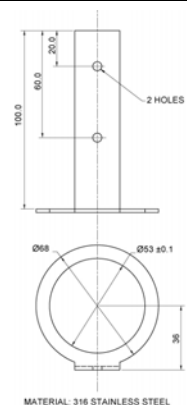
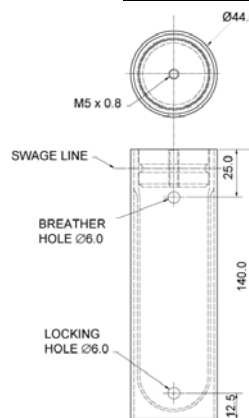
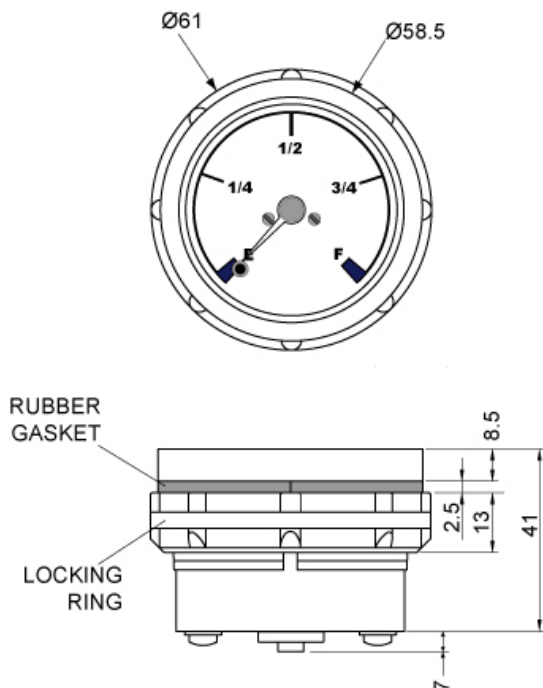
Fluids compatible with polypropylene, copper, brass & Viton 70Q rubber

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/LL148/16	0 – 750mm	0 – 600mm
G/LL148/17	751 – 1250mm	601 – 1000mm
G/LL148/18	1251 – 2500mm	1001 – 2000mm
G/LL148/19	2501 – 3750mm	2001 – 3000mm

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



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