

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 (32 ft)
System priming:	Every 2 years or at the service interval of the tank

Transmitter:

Construction

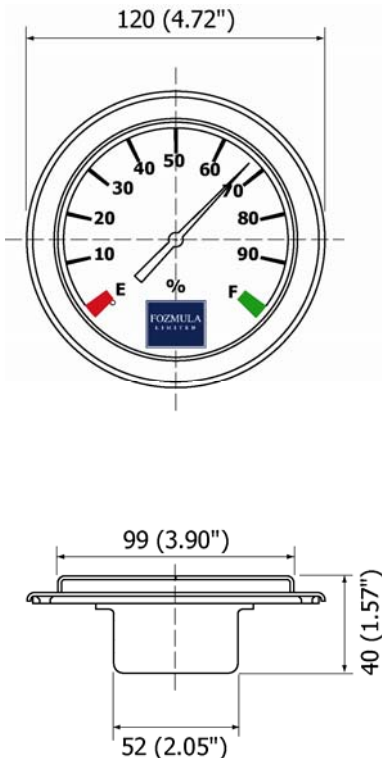
Dimensions:	See drawing below
Body material:	Brass
Diaphragm:	Viton 70Q rubber
Weight:	250g (9 oz)

Fluid Types

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

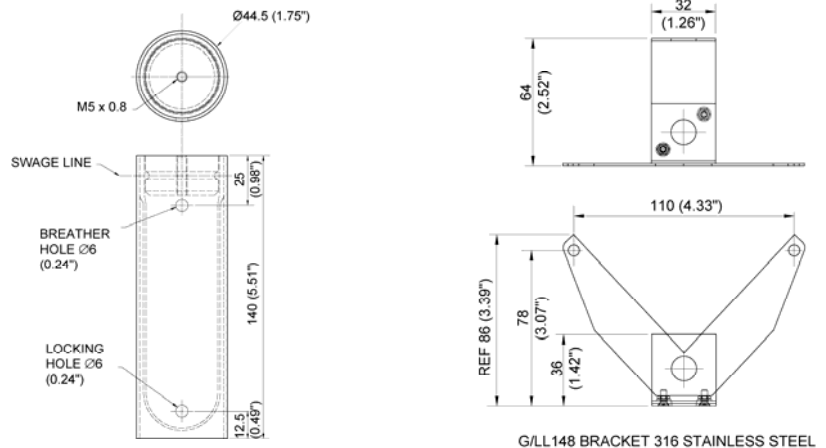
Environmental Ratings

Temp. ranges:	Fluid: -10°C to +40°C (+14°F to 104°F)
	Ambient: -10°C to +40°C (+14°F to 104°F)
	Transient: to +150°C (+300°F) for 4 hours max



Model	Min/Max tank depth - diesel	Min/Max tank depth - water
G/LL148/06	0 – 750mm (0" to 30")	0 – 600mm (0" to 24")
G/LL148/07	751 – 1250mm (30" to 49")	601 – 1000mm (24" to 39")
G/LL148/08	1251 – 2500mm (49" to 98")	1001 – 2000mm (39" to 78")
G/LL148/09	2501 – 3750mm (98" to 148")	2001 – 3000mm (78" to 118")

Note: Minimum tank depths are 300mm (12") for water and 375mm (15") for diesel



Berrington Road | Leamington Spa | Warwickshire CV31 1NB | UK

Tel: +44 (0)1926 466700 | Fax: +44 (0)1926 450473 | www.fozmula.com

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