

# Ship Building & Offshore G22 Quickmount

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## The Seetru 'G22' Quickmount Tubular Gauge

The Seetru Quickmount liquid level gauge is a direct reading, tubular design for general industrial use. The unique isolating valve and collar design, allows for maintenance of the gauge column without tools and the need to drain the tank. Available with automatic safety shut off valves and drain valve. The construction provides a modern gauge, which is aesthetically pleasing.

Suitable for a wide range of pressures and temperatures, the gauge is fitted with elastomer seals in materials to suit the required service. For flammable liquid applications please see either Seeflex (G31) or Seemag (G35)

Suitable for  
Water /  
Waste Water Only

### G22 Quickmount specifications

Maximum temperature	150 °C <sup>1</sup>
Maximum pressure	22 bar g <sup>1</sup>
Valve materials	Brass Stainless steel Polypropylene
Connections	BSP and NPT threaded connections ANSI / DIN flanges
Seal materials	Elastomer
Tube materials	Borosilicate glass BS 3463 Polycarbonate plastic
Guard tube materials	Anodised aluminium Brass Stainless steel Zinc plated mild steel
Lengths	To suit requirements (minimum 150 mm)
Valve types	Manual screw down, Manual screw down complete with automatic safety shut-off valves

<sup>1</sup> Maximum allowable operating pressure is dependent upon operating temperature and gauge length, contact Seetru for full information.



#### Tubular sight glass design

Sight tubes are available in glass or polycarbonate. Metal protecting tubes are available in a variety of materials with optional supplementary transparent polycarbonate protecting tube.

#### Ease of installation and maintenance

The Quickmount liquid level gauge can be installed without the use of special tools. Threaded end units are screwed into female tank bosses. The gauge collars slip over these units and are secured by hand tightening retaining nuts. 'O' ring sealing is used throughout. The isolating valves will allow column removal without need to drain the tank.

#### Tank calibration

Where a measure of the precise storage volume is required, graduated gauges can be supplied. The capacity units can either be marked on the guard tube or an engraved scale plate can be provided.

#### Tank connection

A closed circuit or open circuit pattern may be selected for the gauge.

#### Closed circuit pattern

Direct connection from the top of the gauge to the tank can be made with a screw-down valve or a valveless unit.

#### Open circuit pattern

The upper end of the liquid level gauge can be supplied with an automatic safety vent valve or, alternatively, a pipe union connection. The automatic safety vent valve will allow air to pass, but will seal against a liquid level. In the case of the pipe union connection design, a 10 mm o/d steel vent pipe is returned to the tank or into the tank vent pipe. Open circuit connection is only allowable when it is possible for the gauge column to extend above the top of the tank.

#### Electronic & Digital Readout

Remote reading system and/or computer interface options provide a dual system with the advantages of both electronic and sight glass systems. Level alarms can also be implemented.