

Suitable for  
Flammable  
liquids

## The Seetru 'G35' Seemag® Magnetic Gauge

The Seetru Seemag® tank content indicator or gauge is a high quality yet economical magnetic level indicator. Its unique design offers considerable advantages over conventional magnetic gauges including accurate step-less reading with all round visibility and the option of high/low level alarms with remote digital reading.

The Seemag gauge meets the requirements of SOLAS (Safety Of Lives At Sea), and is also type approved by many worldwide shipping authorities including; Det Norske Veritas (DNV), Lloyds Register of Shipping, American Bureau of Shipping (ABS) and Germanischer Lloyds.

### G35 Seemag® specifications

Maximum temperature	180 °C	
Maximum pressure	16.5 bar g	
Valve materials	Stainless steel	
Connections	Threaded connections, flanged connections or stub pipe for welding	
Seal materials	PTFE	
Guard tube material	Polycarbonate	
Lengths	Minimum:	500 mm
	Maximum:	5000 mm
Valve types	Valveless (¼ Turn ball isolation valves available)	
Densities	0.6 to 2.0 SG.	



#### Magnetic bypass design

The gauge utilises a marker strip on a movable carriage fitted on the outside of a stainless steel tube, which by way of magnets moves up and down in unison with a float inside the tube. The marker strip is adjustable to suit the specific gravity of the liquid to be measured.

#### Ease of installation and maintenance

The Seemag liquid level gauge can be provided with a variety of end fittings to customer requirement. These include stub pipe for welding, ball valves, and flanges. The gauge is fitted with blanking plugs at the top and bottom of the gauge column. These can be easily removed to allow cleaning of the gauge column.

#### Tank calibration

A scale plate graduated in mm is incorporated into the Perspex front cover of the Seemag gauge. Other scale plates can be supplied graduated to customer requirement.

#### Tank connection

Seemag gauges are closed circuit design and both the top and bottom of the gauge is fitted to the tank.

#### Alarms and electronic/digital outputs

Options available include electronic high and low level alarm sensors, continuous electronic read out signals and displays as well as a digital data feed for direct computer interfaces and digital control systems.

#### Heating system for high viscosity liquids

The Seemag gauge is available with an electrical heating system. This heats the tube to allow the measurement of high viscosity fluids, such as heavy fuel oils on ships.

