

Tracerco™ Level Measurement Instrumentation

A whole new level of reliable measurement

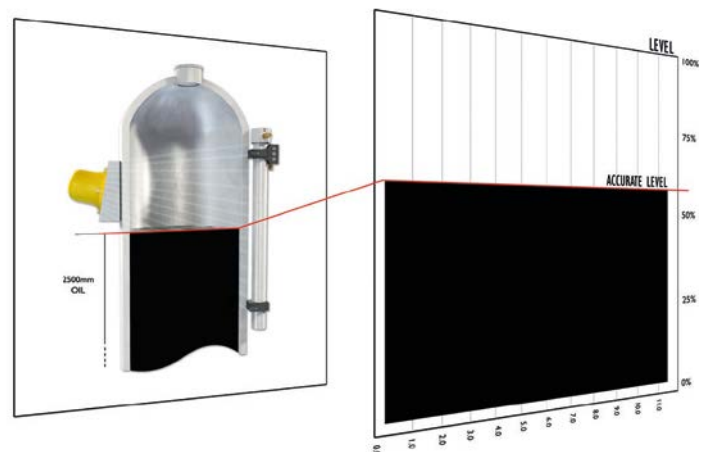
Tracerco™ Level Measurement Instrumentation delivers extremely reliable level measurements, regardless of process conditions. Its external modular design, with no moving parts, provides measurement redundancy as well as the ability to offer consistent and accurate level measurements. This allows operators to optimise their processes, leading to improved product quality and minimising the risk of unplanned trips or shutdowns.

Key features

- High accuracy and repeatability
- Large measurement range
- Highly configurable to suit any vessel size
- Configurable outputs and trip levels
- Certified for use in Safety Instrument Functions up to SIL 2 (IEC 61508:2010)
- Non-intrusive

Benefits

- Minimises unplanned shutdowns
- Improves product quality
- Enables process optimisation
- Provides operators with the confidence to increase production



Tracerco™ Level Measurement Instrumentation specification

Performance			
Technology	Geiger-Müller	Range	up to 18.24m (59.8 ft) – with two systems
Configuration	Segmented, modular		
Accuracy	±1% typical (application dependent)	Repeatability	±0.5% typical (application dependent)
Electrical characteristics			
Supply voltage	24Vdc	Input	Passive 4-20mA
Power consumption	<9W	Output	2-wire, 4-20mA
Mechanical characteristics			
	Active length	240-9100mm (9.4-358.2") in multiples of 240mm (9.4")	
	Overall length	500-9500mm (19.6-374")	
	Cable entries	2 off metric or imperial (M20*1.5 or ½" NPT)	
	Weight	7-80kg (15-176 lbs)	
	Housing	316L, IP66	
Environmental			
Approvals	ATEX, IECEx & CSA		
Method of protection	Intrinsic safety		
Operating temperature	-40°C to +85°C (-40°F to +185°F); model dependent		
Storage temperature	-55°C to +85°C (-67°F to +185°F)		
Compliance	SIL 2 IEC 61508:2010 EMC: 2014/30/EU, EN61326-1:2013		
Additional information			
Accessories	Mounting bracket, connectors		
Product codes	T233, T234, T250		
Software	Tracerco Safety ToolBox		