

Rosemount TGD 51


Tank Gauge Display



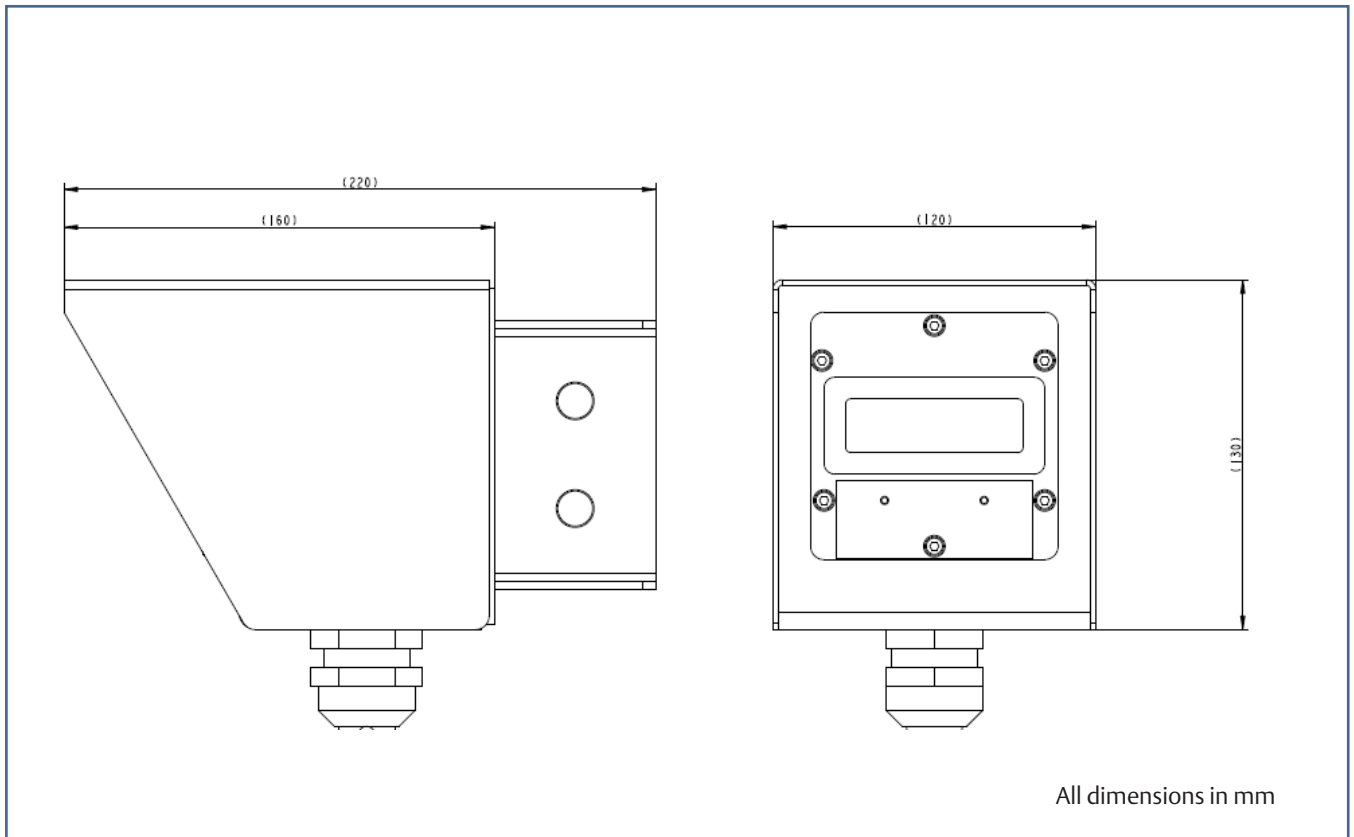
The Rosemount TGD 51 Tank Gauge Display is an intrinsically safe six-character display. Its purpose is to enable local readout of measurements such as the tank's ullage, temperature and vapor pressure. The design with a housing of stainless steel makes it suitable for installation on deck and allows it to be bolted, clamped or welded to any suitable structure. The unit communicates with Rosemount TGU Tank Radar Gauge through a sensor bus.

- Enables local readout of ullage, temperature and vapor pressure
- Robust stainless steel design suited for installation on deck
- Multiple mounting options ensure easy installation
- Can be configured to show one specific parameter or automatically toggle between different parameters

Technical Specification

TGD 51		
General Specification		
Display	6 digits, each consisting of 7-segment LED	
Resolution	1 mm, 0.1 °C, 1 mbar	
Operating temperature	-25 to +80 °C	
Electrical Specification		
Cable to Tank Radar Gauge	Cable type	Multicore; two twisted pair with at least a common shield (Supplied by yard)
	Lead area	0.5 to 1.5 mm ²
	Outer diameter	10 to 18 mm
	Cable length	Maximum 50 m
Mechanical Specification		
Housing material	Stainless steel 316L	
Weight	3.0 kg	
Environment Specification		
Ingress protection	IP66	
Ambient temperature	-40 to +70 °C	
Approvals		
Marine approvals	ABS, BV, CCS, DNV-GL, KR, LR, NK, RINA	
Explosion protection	Intrinsically safe	ATEX:  II 1 G Ex ia IIC T4 Ga IECEX: Ex ia IIC T4 Ga INMETRO: Ex ia IIC T4 Ga

Dimensional Drawings



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