

TRANTECH TANK LEVEL SENSOR – TTTL



Specification

Input	
Pressure range	350 mbar to 2.5 barG (3.57mWG to 25mWG)
Proof pressure	2 x Full scale (FS)
Burst pressure	3 X FS
Fatigue life	Designed for more than 100 million FS cycles
Performance	
Long term drift	0.1% FS/year (non-cumulative)
Accuracy	0.25% FS
Thermal error	+/- 1.0% typical / 100°
Compensated temperatures	-20 to +120°
Operating temperatures	-20 to +50° (Fully submerged) -40 to +125° (Not submerged)
Zero tolerance	0.5% of Span
Span tolerance	0.5% of Span
Mechanical Configuration	
Pressure port	1/4" BSP Male (std) - Optional Nose Cone
Wetted parts	17-4ph & 316 SS: Nitrile rubber: Acetal: PVC
Electrical connection	IP68 Submersible integral cable
Vibration	35g peak sinusoidal, 5 to 2000Hz
Shock	Withstands free fall to IEC 68-2-32 procedure 1
Approvals	CE
Electrical	
Current Output	4-20mA (2 wire)
Supply voltage	10-30Vd.c. (Sensitivity: 0.1%FS/Volt)
Max loop resistance	(Vs-10) x 50 Ohms
Voltage output units	Consult sales office

Applications

Tank level measurement
 Jojo tank level control
 Flood warning
 Sea tide monitoring
 Dam and reservoir level measurement
 Diesel and oil level measurement
 VSD Control

Benefits

25mm Diameter (optional 22mm)
 High accuracy
 Quick delivery
 Low cost
 Fatigue life more than 100million cycles

How to order

