

# TRANTECH SLIMLINE BOREHOLE LEVEL SENSOR – TTBL

25mm OD Standard sensor



22mm OD Slimline Sensor



## Specification

<b>Input</b>	
Pressure range	4 bar to 100 bar (40mWG to any)
Proof pressure	2 x Full scale (FS)
Burst pressure	>35 x FS < = 6 Bar >20 x FS < = 60 Bar >5 x FS < = 400 Bar
Fatigue life	Designed for more than 100 million FS cycles
<b>Performance</b>	
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
<b>Mechanical Configuration</b>	
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
<b>Electrical</b>	
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

- Borehole Level measurement
- Well level measurement
- Borehole low level pump protection
- Borehole level and pump control
- VSD Control

## Benefits

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

## How to order

**TTBL - 25 - 4BARG - 080 - N/C**

