

# TRANTECH SUBMERSIBLE LEVEL AND PRESSURE TRANSMITTER

## APPLICATIONS

ELECTROLYTICALLY CHARGED LIQUIDS  
AGGRESIVE CHEMICAL TANKS  
WASTE WATER  
BOREHOLES  
RESERVIORS

## BENEFITS

SLIMLINE 32mm DIAMETER  
LIGHTNING PROTECTED  
CORROSION PROOF  
HIGH ACCURACY  
QUICK DELIVERY  
LOW COST

## SPECIFICATIONS

### Input

Pressure range	Vacuum to 400 Bar G (Minimum span: 5mWG)
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

### Performance

Long term drift	0.2% FS/year (non-cumulative)
Accuracy	0.25% FS (Optional 0.15% FS)
Thermal error	1.5 % FS (Optional 1% FS)
Compensated temperatures	-20 to +80 Deg C
Operating temperatures	-20 to +50 Deg C (Fully submersed) -40 to +125 Deg C (Not submersed)
Zero tolerance	1% of Span
Span tolerance	1% of Span

### Mechanical Configuration

Pressure port	1/4" BSP Male (std); 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; ATEX I.S. units available (consult sales office)

### Electrical

Current output	4-20mA (2 wire)
Supply voltage	7-35Vd.c. (Sensitivity: 0.1%FS/Volt)
Max loop resistance	(Vs-7) x 50 Ohms
Voltage output units	Consult sales office

## HOW TO ORDER

<b>TTSUB - SS - 5MWG - 010</b>		
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CONSTRUCTION	RANGE	CABLE LENGTH
AP = Acetal Plastic SS = Stainless Steel	eg: 5MWG / 10BARG	ANY eg : 20meters = 020

REPRESENTED BY

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