LEVEL

0.062 ft Submersible Level Transmitter

Tek-Sub 4800C

1 FEATURES

- Rugged, compact design for bore holes
- Stainless steel diaphragm and housing for excellent environmental protection
- Factory calibrated, easy to install and use
- Temperature compensated
- Surge and lightning protection
- Standard Output 4-20 mA, RS-485, 0.5-4.5 VDC
- Accuracy: ±0.25% FS

3 APPLICATIONS

- Water level measurement in wells, borewells, ponds, reservoirs, weirs, & dams
- Ground water monitoring
- Drinking water systems
- Water diversion plants

2 SPECIFICATION

Pressure range	10 psig to 50 psig (7 mH_2O to 35 mH_2O), Optional ranges available
Pressure type	Gauge (Vented)
Over pressure	150% FS
Accuracy	0.25% FS
Temperature coeffitient-zero	±0.75% FS (typ.), ±1.5% FS (max.) overcompensated temperature range
Temperature coeffitient-span	±0.75% FS (typ.), ±1.5% FS (max.) overcompensated temperature range
Long term stability	±0.2% FS/year (typ.), ±0.3% FS/year (max.)
Output signal	4-20 mA, RS-485, 0.5-4.5 VDC
Power supply (Vs)	12 to 36 VDC
Load resistance (R_L)	For current output: R_L<(Vs-12)/0.02A
	For voltage output: R_L>10 kΩ
Vibration	10g-force (20-2000 Hz)
Shock	100g-force (10 ms)
Cycles	$10X10^6$ cycles
Insulation resistance	100 MΩ/50 VDC
Compensated temperature range	32 °F to 140 °F (0 °C to 60 °C)
Operating temperature range	32 °F to 160 °F (0 °C to 70 °C)
Storage temperature range	-40 °F to 257 °F (-40 °C to 125 °C)
Housing	304 SS
Cable	PTFE or Polyurethane
Diaphragm	316L SS
Seal ring	Viton
Oil filling	Silicone oil
Net weight	0.49 lb (225 g)