

- Higher Accuracy | Superior Chemical Resistance
- Works on Foam | Vapor | Turbulence | Condensate
- Integrally Molded Internal Weight | No Floating



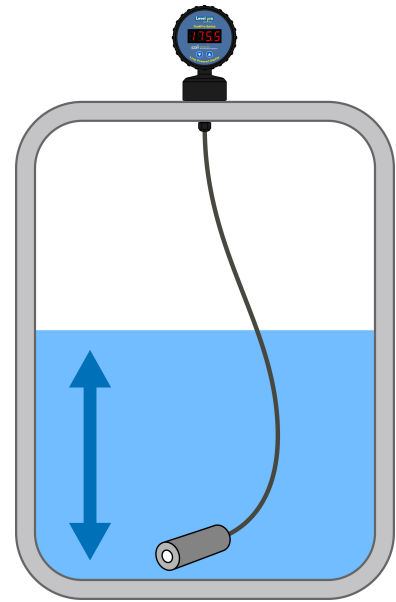
Product Description

The TankPro Submersible Level Sensor provides continuous level measurement for both corrosive and non-corrosive liquids. These submersible hydrostatic transmitters have been designed for the toughest industrial applications. Unlike ultrasonic level transmitters, our liquid level sensors are completely unaffected by any foam, vapor, turbulence or condensate in the tank.

The TankPro Level Transmitter comes equipped with a local LED Display that screws into the top of the tank with a 1" or 2" NPT connection.

The TankPro Series comes in PVC, PP, PVDF or PTFE Teflon®, making them the perfect level sensor for your chemical tank application.

The Solution to Tough Applications Where Ultrasonic Sensors Simply **DO NOT WORK!**



VaporBloc® Technology

- Blocks Out Corrosive Chemical Fumes
- Pressure Tested to 75 psi
- Protects Internal Wiring Connections



Features

- Easy Calibration
- Non Clogging Design | Great With Sediment
- Heavy Duty Rugged Design
- No Moving Parts
- Automatic Temperature Compensation
- 2" NPT Connection
- 14ft Measuring Range
- 4-20mA Loop Powered



TankPro Series

Continuous Submersible Level Transmitter



Input Pressure Range

Level ft/H ₂ O		14
Overpressure	psi	210
Burst Pressure >	psi	290

Output Signal | Supply

Standard	4-20mA Loop Powered 9-36 VDC
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Performance

Accuracy	<± 0.5% Full Scale or Better
Permissible Load	$R_{max} = [(V_s - V_{smin}) / 0.02 A]$
Influence Effects	Supply: 0.05% Full Scale Load: 0.05% Full Scale
Long Term Stability	<± 0.1% Full Scale Over One Year
Response Time	<10 msec

¹Accuracy According to IEC 60770 - Limit Point Adjustment | Non-Linearity | Hysteresis | Repeatability

Thermal Effects | Offset and Span

Thermal Error	<± 0.2% FSO/K in Compensated Range -25 - 70°C -13 - 158°F
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Temperatures

Operating Temperatures	PVC -20°F - 140°F PP -20° - 178° F PVDF -30°F - 212°F PTFE -30°F - 212°F 316 SS -30°F - 212°F
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* For non Freezing Liquids

Electrical Connection

Jacketed Cable	PTFE Teflon® 0 - 200°F
3 Wire Cable with Integrated Air Tube for Atmospheric Pressure Reference	

Materials | Wetted

Housing	PVC PP PVDF 316 SS
Seal	FFKM - Kalrez®
Diaphragm	Ceramic 96% Al ₂ O ₃ 316 SS

Model Selection

Material	Part Number
PVC	191-1001-A113302F
PP	191-1001-B113302F
PVDF	191-1001-E113302F
316 SS	191-1001-SS113302F