



Transducer Pro™ Submersible Level Transmitter

The Transducer Pro™ Submersible Level Transmitter is specifically designed to measure the liquid level in a wastewater or slurry tank referenced to atmospheric pressure. The transmitter consists of a piezoresistive sensing element, which is encased in 316 stainless steel housing. Transducer Pro™ is perfect for wastewater and slurry applications with features to protect the unit from these demanding applications.

The large diameter 316 stainless steel diaphragm seal is non-clogging and damage-resistant to floating solids. It comes equipped with a 270-pound tensile strength shielded and vented cable. Ventilation tube in the cable automatically compensates for changes in atmospheric pressure above the tank. The vent is protected with a maintenance-free filter, which prevents particulate or water droplets from entering the transducer.

Features

- Excellent chemical compatibility with 316 SS construction and ETFE cable
- Lightning and surge protection
- Maintenance-free vent filter
- Large diameter, non-clogging, damage resistant, 316 SS diaphragm seal
- UL listed for the United States and Canada

Applications

- Wastewater
- Sludge pits
- Clarifiers
- Digesters
- Alum tanks
- Chemical storage tanks
- Oil tanks
- Sumps
- Reservoirs



Call us toll-free at 888.733.9283 to speak with one of our expert Sales Engineers!



951.487.8073 / 888.733.9283

www.seewaterinc.com

sales@seewaterinc.com

Transducer Pro™ Submersible Level Transmitters

Model	Transducer Pressure Upper Limit	Maximum Water Level	Cable Length: ft (m)
TPRO-5-50	5 PSI	11ft (3m)	50ft (15m)
TPRO-10-50	10 PSI	23ft (7m)	50ft (15m)
TPRO-15-50	15 PSI	35ft (11m)	50ft (15m)
TPRO-20-50	20 PSI	46ft (14m)	50ft (15m)
TPRO-5-100	5 PSI	11ft (3m)	100ft (30m)
TPRO-10-100	10 PSI	23ft (7 m)	100ft (30m)
TPRO-15-100	15 PSI	35ft (11m)	100ft (30m)
TPRO-20-100	20 PSI	46ft (14m)	100ft (30m)
TPRO-X-10-50*	10 PSI	23ft (7m)	50ft (15m)
TPRO-X-20-50*	20 PSI	46ft (14m)	50ft (15m)

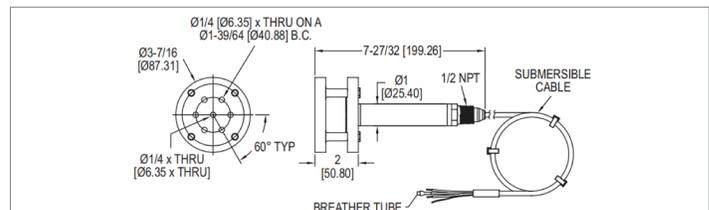
**This model is intrinsically safe, and not UL Listed.*

Technical Specifications

Characteristics	Parameter	Rating
Electrical Properties	Power Requirement	13-30V DC
	Output Signal	4-20 mA DC, two wire
	Response Time	50 msec
	Loop Resistance	850Ω 30V DC
	Electrical Connection	Wire pigtail
	Accuracy	±0.25% full scale (under normal temperature)
	Thermal Effect	Less than ±0.02%/°F (Thermal effect of 212°F whole temperature range)
Mechanical Properties	Pressure Limit	2X full scale
	Seals	Fluoroelastomer
	Wetted Materials	316/316L SS
Operating Condition	Operating Temperature	-18 - 93°C (0-200°F)
	Compensated Temperature Range	-18 - 82°C (0-180°F)
	Service	Compatible liquids

Custom Options

Custom Ranges or Cable Lengths - Contact our Sales Department.



951.487.8073 / 888.733.9283

www.seewaterinc.com

sales@seewaterinc.com