

SUBMERSIBLE LEVEL TRANSDUCERS

FOR PUMP STATION CONTROL PANELS



LEVEL RAT™

Designed for extended service in sewage lift stations, the Level Rat™ features a wide sensing diaphragm yet small overall size while incorporating a monolithic diaphragm formed from Kynar, which combines the non-stick quality of Teflon® with superior toughness and abrasion resistance.

Ideally suited for pump control applications, the Level Rat™ is compatible with any standard 2-wire, 4-20mA current loop. Lightning protection from the manufacturer makes this transmitter ideal for installation in areas prone to chronic damage due to transients caused by lightning.

FEATURES

- 4-20mA models include guaranteed lightning protection at no additional cost
- 16-bit internal digital error correction for cost effective low Total Error Band (TEB)
- 316L SS housing construction
- Non fouling Kynar® diaphragm for superior resistance to puncture
- Standard outputs simplify interface to controls, data collection, and telemetry systems
- Built in the USA ARRA Section 1605 compliant

APPLICATIONS

Wastewater, Lift Stations, Tanks, Slurries, Landfills, Leachate

*Transmitters sold with PRIMEX Engineered custom panels or individually for sale (contact PRIMEX® for availability).

SPECIFICATIONS

Available ranges	
Relative	Infinite from 0...5 to 0...100ft W.C.
Accuracy TEB	Standard 1% FS TEB
Compensated Temp Range	-10...60°C
Output	4...20mA
Resolution	0.002% FS
Supply	
4...20 mA Output	11...28VDC
Load Resistance	
Current	<(Supply-8V)/0.02A
Voltage	>4k ohm
Wetted Materials	Standard 316L S.S.
	Polyamide
	Fluorocarbon
	Kynar®
Environmental Protection	IP68
Cable	Polyethylene
Optional Accessories	Drying Tube
	Stabilizing Weight
	Cable Hanger
Specifications and dimensions are subject to change without notice.	



844-4PRIMEX (477-4639)
WWW.PRIMEXCONTROLS.COM

Ashland, OH 800-363-5842
Clearwater, FL 800-349-1905
Detroit Lakes, MN 888-342-5753
Milford, OH 513-831-9959



SUBMERSIBLE LEVEL TRANSDUCERS

FOR PUMP STATION CONTROL PANELS



LEVEL GAGE™

Designed for indefinite submersion in a wide variety of liquid media, Level Gage™ is intended for general purpose monitoring and control applications. The Level Gage™ combines proven piezo-resistance silicon sensor technology with state of the art signal conditioning circuitry to provide an accurate, reliable and temperature compensated analog output.

Lightning protection from the manufacturer makes this transmitter ideal for installation in areas prone to chronic damage due to transients caused by lightning.

FEATURES

- 4-20mA models include guaranteed lightning protection at no additional cost
- 16-bit internal digital error correction for cost effective low Total Error Band (TEB)
- 316L SS housing construction
- Standard outputs simplify interface to controls, data collection, and telemetry systems
- Built in the USA ARRA Section 1605 compliant

APPLICATIONS

Wastewater, Groundwater, Lift Stations, Reservoirs, Potable Water, Landfills, Monitoring Wells, Leachate, Tanks, Wet Wells

*Transmitters sold with PRIMEX Engineered custom panels or individually for sale (contact PRIMEX® for availability).



SPECIFICATIONS

Available ranges	
Relative	Infinite from 0..3 to 0...900ft W.C.
Absolute	Infinite from 0..2 Bar to 0...11 Bar
Accuracy TEB	Standard 1% FS TEB
Compensated Temp Range	-10...60°C
Output	4...20mA
Resolution	0.002% FS
Supply	
4...20 mA Output	11...28VDC
Load Resistance	
Current	<(Supply-8V)/0.02A
Voltage	>4k ohm
Wetted Materials	Standard 316L S.S.
Environmental Protection	IP68
Cable	Polyethylene for general purpose
Optional Accessories	Drying Tube
	Aneroid Bellows
	1/2" NPT Conduit Fitting
	Stabilizing Weight
	Termination Enclosure
	Cable Hanger
Specifications and dimensions are subject to change without notice.	



Ashland, OH	800-363-5842
Clearwater, FL	800-349-1905
Detroit Lakes, MN	888-342-5753
Milford, OH	513-831-9959