



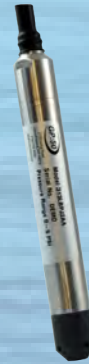
RELIABLE & ACCURATE

PRESSURE & LEVEL TRANSMITTERS

**Water
Waste Water
& Submersible
Markets**



Ground Water & Waste Water Submersible Level & Pressure Transmitters



MODEL 313L | 313L-NI

Submersible Level Transmitter

FEATURES

- Ranges from 0-20" WC thru 300 PSI (50 MBAR to 21 BAR)
- Rated to 900 feet WC (275 meters WC)
- Up to $\pm 0.05\%$ FSO accuracy option
- 316L SST construction with optional titanium (313L-NI)
- Hytrel jacketed cable with optional Tefzel®
- Surge/lightning suppression as standard

APPLICATIONS

- Wet wells, ponds, rivers and tank level measurements
- Water treatment
- Ground water monitoring
- Dredging levels
- Shipboard level control

FIELD OPTIONS

- Slim 0.69" (1.74 cm) diameter (Model 313S)
- Titanium construction (Model 313L-NI)
- Additional Hytrel cable and Tefzel® jacketed cable lengths
- Remote zero and span adjustments
- SDI-12 protocol



MODEL 311-M351

Submersible Lift Station Level Transmitter

FEATURES

- Large diameter sensing diaphragm resists clogging
- Protective baffle plate reduces risk of sensor damage
- Corrosion-resistant, all stainless steel construction
- Submersible to 1,100 feet (335 meters) WC
- Surge protection from lightning and voltage spikes
- Ranges from 0 to 10 thru 0 to 1,100 feet WC (0 to 3 thru 0 to 335 meters WC)

APPLICATIONS

- Lift station level monitoring
- Wet wells
- Process sumps
- Water tanks and reservoirs

FIELD OPTIONS

- Optional FM/CSA hazardous approvals
- External lightning / surge protection
- 4-20 mA or 0 to 5 Vdc output
- Optional temperature output

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MODEL 313G

PVC Submersible Level Transmitter

FEATURES

- Chemically resistant PVC construction
- Bullet nose or open faced flush port
- 0 to 2 PSI thru 0 to 300 PSI (7 feet WC thru 692)
- Hytrel® or Tefzel® jacketed cable

APPLICATIONS

- Corrosive chemical tank level
- Water tank and reservoir level
- Process plant water level
- Ground water reclamation

FIELD OPTIONS

- Tefzel® jacketed cable
- Flush ceramic process connection resists plugging
- Field re-zeroing option
- ATEX Hazardous approvals



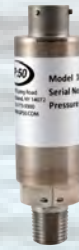
MODEL 313F

Flush Faced Level Transmitter

- Large diameter, flush diaphragm
- 0 to 3 PSI thru 0 to 30 PSI (69 FTWC)
- Corrosion resistant, leak-proof construction
- Hytrel® cable rated for Hydrocarbons
- Designed to 500 PSI external pressure
- Flush port eliminates port plugging

- Lift station level monitoring
- Tanks and reservoir levels
- Process sumps
- Sludge or slurry levels

- Tefzel® jacketed cable
- PVC housing (see model 313G)
- Field re-zeroing option



MODEL 340

Pump Pressure Transmitter

- Available ranges from 0 to 30" WC thru 0 to 15K PSI (75 MBAR to 1,034 BAR)
- Choice of mV/V, Vdc & 4-20 mA output
- Rugged, welded, stainless steel construction
- High proof pressure
- Economically priced

- Irrigation pump pressure
- Chemical injection pressures
- Water line pressure

- Zero and span adjustments
- Alternate connectors and pressure ports
- Intrinsically Safe or Explosion Proof approvals
- For Hazardous locations see model 240-AI/340-AI



MODEL 340-IM

Flush "Sludge" Pressure Transmitter

FEATURES

- Flush faced sensor designed to measure sludge pressures
- Corrosion resistant, Inconel sensor with stainless steel housing
- 5X proof pressure

FIELD OPTIONS

- NPT or flanged process connections
- Various electrical connectors
- 4-20 mA or 0-5Vdc output

APPLICATIONS

- Wastewater treatment line pressures
- Sludge and slurries
- Corrosive and higher viscosity media

AVAILABLE APPROVALS

- ATEX & IEC Hazardous approvals
- FM & CSA Pending



MODEL BD300 Pump Controller

The Model BD300 Pump Controller offers high-reliability monitoring and control when used with the 311-M351 submersible level transmitter. Featuring multiple pump alternation for pumping stations and water municipalities, programmable relay switches, a large 6 digit LED display, AC or DC power input, and digital communication options. The BD300 is suited for the most demanding environments.

FEATURES

- 0-20 mA, 4-120 mA, 0-5 V, 1-5 V, and $\pm 10V$ Inputs
- Large 6-Digit Display, 0.60" & 0.46"
- NEMA 4X, IP65 Front
- Universal 85-265 VAC, or 12/24 VDC Input Power
- Programmable Display & Function Keys
- 32-Point, Square Root, or Exponential Linearization
- Multi-Pump Alternation Control
- Modbus® RTU Communication Protocol Standard
- Free Pro Software for Operation, Monitoring, and Programming
- Standard 1/8 DIN (45mm x92mm)

OPTIONS

- 4 Relays + Isolated 4-20 mA Output
- Digital I/O Expansion Modules
- Sunlight Readable Display Models



Check out our sister company's line of Gauges at
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MODEL BCH 2000

Cable Hanger

Shown in Application
with the
Model 311-M351



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