

SLX Transmitter

Submersible Level Transmitter for Reliable Level Control

The SLX submersible level transmitter is designed for continuous level monitoring. It measures the hydrostatic pressure of the water above the sensor and outputs a standard 4-20 mA signal proportional to the water level. The robust design of the SLX transmitter provides a reliable and low maintenance solution for level control applications, including sewage/effluent lift stations, storm water pump stations, non-potable water systems, tanks, wet wells, and reservoirs.

The transmitter wetted components are designed with nonconductive materials to provide an electrical isolation barrier. The pressure sensor is isolated from process material by a protective VITON® diaphragm. Stainless steel mounting bracket and cord strain relief are included.

FEATURES

- Reliable long-life operation with low to no maintenance
- Rugged non-conductive transmitter housing
- Industry standard 4-20mA, 2-wire loop powered
- 18/2 shielded cable with vent tube
- Built-in internal stabilizing weight
- Reverse polarity protected
- Colored cord seals for easy range identification
- Multiple ranges and cable lengths available

SPECIFICATIONS

MEASURING RANGES: 3.62 PSI (8.3 ftWC) - blue cord seal
7.25 PSI (16.7 ftWC) - grey cord seal
14.50 PSI (33.4 ftWC) - black cord seal

ACCURACY: 1% full scale

OPERATING TEMPERATURE: 32°F to 122°F (0°C to 50°C)

OUTPUT: 4-20 mA, loop powered

EXCITATION VOLTAGE: 8-30 VDC reverse polarity protected

OVERPRESSURE PROTECTION:

7.62 PSI (16.7 ftWC) for 3.62 PSI (8.3 ftWC) model
58 PSI (133.6 ftWC) for 7.25 PSI (16.7 ftWC) model
58 PSI (133.6 ftWC) for 14.50 PSI (33.4 ftWC) model

IP RATING: IP 68 for permanent submersion

WETTED MATERIALS:

Sensor Housing: PVC, 3.09" diameter x 7.67" length
(79mm x 195mm)

Cable Seal: EPDM

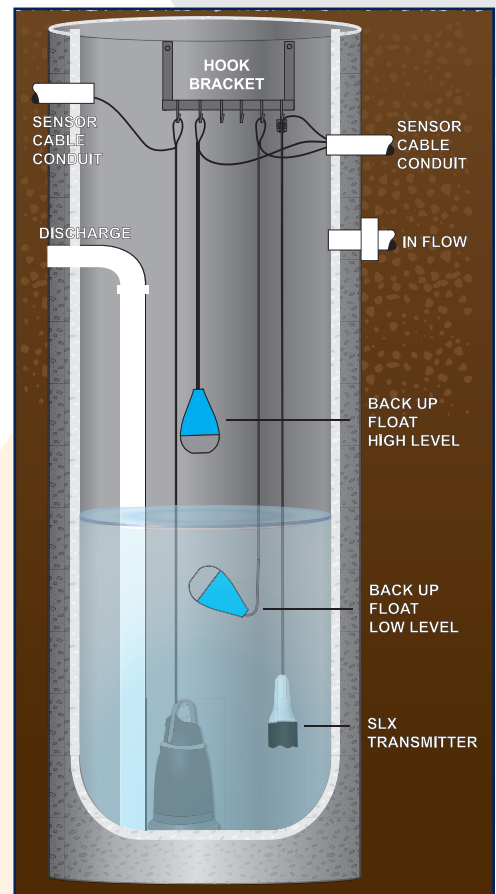
Diaphragm: VITON®, 1.25" diameter (32mm)

Cable: TPE, 18 AWG - 2 wire shielded with vent tube,
0.3" diameter (8mm)

PART NUMBER	DESCRIPTION
1108321	SLX, 8.3 ftWC, 25 ft. cable
1108322	SLX, 8.3 ftWC, 50 ft. cable
1108323	SLX, 8.3 ftWC, 100 ft. cable
1108333	SLX, 16.7 ftWC, 25 ft. cable
1108334	SLX, 16.7 ftWC, 50 ft. cable
1108336	SLX, 16.7 ftWC, 100 ft. cable
1108345	SLX, 33.4 ftWC, 25 ft. cable
1108346	SLX, 33.4 ftWC, 50 ft. cable
1108348	SLX, 33.4 ftWC, 100 ft. cable
1052813	6 Hook Bracket (optional)



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