SUB-X™ TRANSMITTER

For Continuous Level Monitoring Applications

The Sub-X™ 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 Sub-X™ 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.



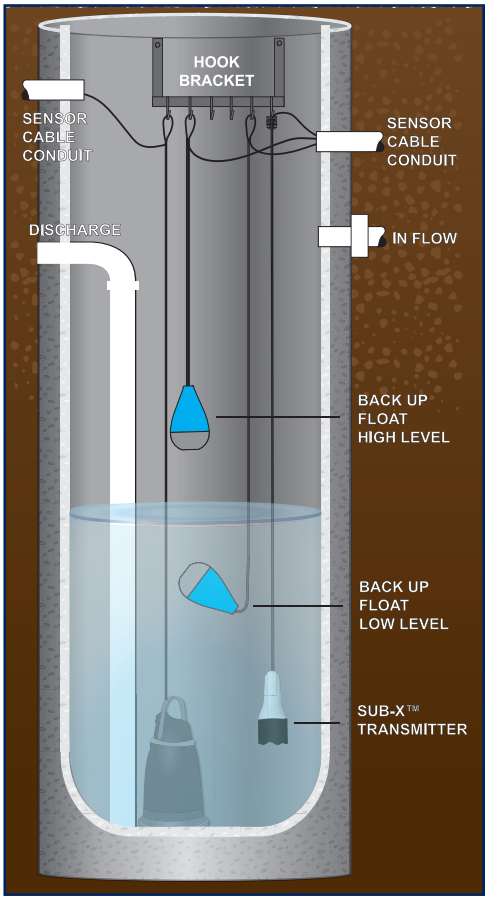
US Patent 8,336,385

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

OPTIONS

- Optional 6 hook bracket available.



SJE RHOMBUS®
Powered by SJE

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SUB-X™ TRANSMITTER - Submersible level transmitter with 4-20mA output.

Part #	Description	Shipping Weight
1107758	Sub-X™ 8.3 ftWC with 25 ft. Cable	5.3 lbs.
1107759	Sub-X™ 8.3 ftWC with 50 ft. Cable	6.2 lbs.
1107760	Sub-X™ 8.3 ftWC with 75 ft. Cable	7.0 lbs.
1107761	Sub-X™ 8.3 ftWC with 100 ft. Cable	8.3 lbs.
1107763	Sub-X™ 16.7 ftWC with 25 ft. Cable	5.3 lbs.
1107764	Sub-X™ 16.7 ftWC with 50 ft. Cable	6.2 lbs.
1107765	Sub-X™ 16.7 ftWC with 75 ft. Cable	7.0 lbs.
1107766	Sub-X™ 16.7 ftWC with 100 ft. Cable	8.3 lbs.
1107768	Sub-X™ 33.4 ftWC with 25 ft. Cable	5.3 lbs.
1107769	Sub-X™ 33.4 ftWC with 50 ft. Cable	6.2 lbs.
1107770	Sub-X™ 33.4 ftWC with 75 ft. Cable	7.0 lbs.
1107771	Sub-X™ 33.4 ftWC with 100 ft. Cable	8.3 lbs.
	Options	
1052814	6 Hook Bracket	2 lbs.

For additional lengths, please contact Technical Support at techsupport@sjeinc.com.

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)

California Prop 65 requires the following: ⚠ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov