

# SUB-X™ TRANSMITTER

## Submersible Level Transmitter for Reliable Level Control

- Provides continuous level monitoring in level control applications
- Standard 4-20 mA signal
- Transmitter wetted components are designed with nonconductive materials to provide electrical isolation barrier
- 18/2 shielded cable with vent tube
- Provided with removable lock in place stabilizing weight
- Reverse polarity protected
- Multiple ranges and cable lengths available
- Optional 6 hook bracket available
- Two-year limited warranty



**SJE**  
**Rhombus**®

# SUB-X™ TRANSMITTER

For Continuous Level Monitoring Applications

## Function

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, stormwater pump stations, non-potable water systems, tanks, wet wells, and reservoirs.

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

## Specifications

- **Measuring ranges:** 7.25 PSI (16.7 ftWC) and 14.50 PSI (33.4 ftWC)
- **Accuracy:** 1% full scale
- **Operating temp:** 32-122°F (0-50°C)
- **Output:** 4-20 mA, loop powered
- **Excitation voltage:** 8-32 VDC reverse polarity protected
- **Overpressure protection:** 58 PSI (133.6 ftWC)
- **IP rating:** IP 68 for permanent submersion
- **Sensor housing dimensions:** 2.0" diameter x 5.62" length (51 mm x 143 mm)
- **Cable:** TPE, 18 AWG, 2-wire shielded with vent tube
- **Two-year** limited warranty

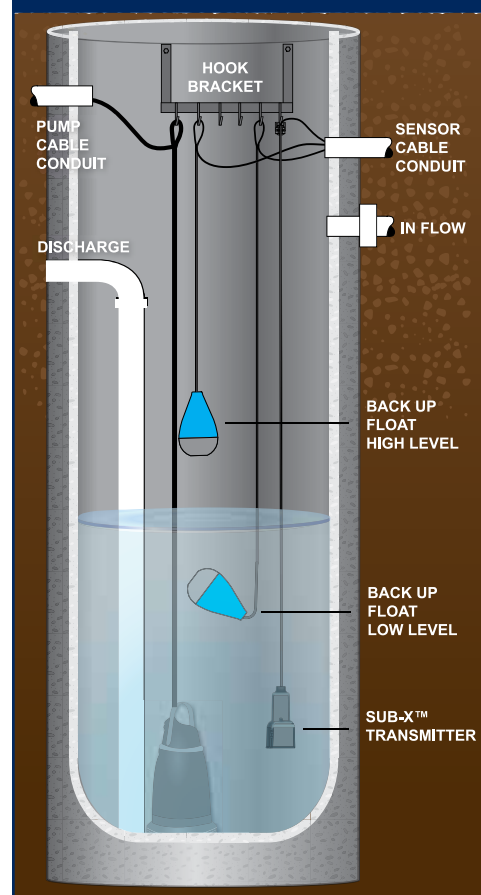
Models	Descriptions
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- |           |                                 |
|-----------|---------------------------------|
| • 1051995 | Sub-X™, 16.7 ft WC, 25 ft cable |
| • 1051993 | Sub-X™, 16.7 ft WC, 50 ft cable |
| • 1051996 | Sub-X™, 33.4 ft WC, 25 ft cable |
| • 1051989 | Sub-X™, 33.4 ft WC, 50 ft cable |
| • 1052814 | 6 hook bracket (optional)       |

\*Additional longer cable lengths available.



## Installation Diagram



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