

SUB-X™ Transmitter

Submersible level transmitter designed for continuous level monitoring.

The Sub-X™ transmitter measures the hydrostatic pressure of the water above the sensor and outputs a 4-20 mA signal proportional to the level. The robust design provides a reliable and low maintenance solution for level control applications, including:

- Sewage and effluent lift stations
- Stormwater pump stations
- Non-potable water systems
- Tanks, wet wells and reservoirs



FEATURES

- Transmitter wetted components are designed with non-conductive materials to provide an electrical isolation barrier
- Pressure sensor isolated from process material by a protective VITON® diaphragm
- Industry standard 4-20 mA, 2-wire loop powered
- Reverse polarity protected
- 18/2 shielded cable with vent tube
- Provided with removable lock in place stabilizing weight and stainless steel mounting bracket
- Multiple ranges



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MANUFACTURING

SPECIFICATIONS

- **Measuring Ranges:** 7.25 PSI (16.7 ftWC) and 14.50 PSI (33.4 ftWC)
- **Accuracy:** 1% full scale
- **Operating Temp:** 0-50°C (32-122°F)
- **Output:** 4-20 mA, loop powered
- **Excitation Voltage:** 8-32 VDC reverse polarity protection
- **Overpressure Protection:** 58 PSI (133.6 ftWC)
- **IP Rating:** IP 68 for permanent submersion
- **Wetted Materials:**
 - **Sensor Housing:** PVC, 51 mm diameter x 143 mm length (2.00" x 5.62")
 - **Cable Seal:** EPDM
 - **Diaphragm:** VITON®, 32 mm diameter (1.25")
 - **Cable:** TPE, 18 AWG 2-wire shielded with vent tube, 8 mm diameter (0.3")
 - **Stabilizing Weight:** Epoxy coated cast iron, 0.45 kg (1.0 lb), 66 mm diameter x 64 mm length (2.6" x 2.5")

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SEE BACKSIDE FOR COMPLETE LISTING OF AVAILABLE OPTIONS.

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ORDERING INFORMATION

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PART NUMBER	MEASURING RANGE	CABLE LENGTH	SHIPPING WEIGHT
1051995	0.5 bar (5.09 m/16.7 ft WC)	7.62 m (25 ft)	1.58 kg
1051993	0.5 bar (5.09 m/16.7 ft WC)	15.24 m (50 ft)	2.05 kg
1051992	0.5 bar (5.09 m/16.7 ft WC)	22.86 m (75 ft)	2.51 kg
1051991	0.5 bar (5.09 m/16.7 ft WC)	30.48 m (100 ft)	2.98 kg
1051996	1.0 bar (10.18 m/33.4 ft WC)	7.62 m (25 ft)	1.58 kg
1051989	1.0 bar (10.18 m/33.4 ft WC)	15.24 m (50 ft)	2.05 kg
1051990	1.0 bar (10.18 m/33.4 ft WC)	22.86 m (75 ft)	2.51 kg
1051994	1.0 bar (10.18 m/33.4 ft WC)	30.48 m (100 ft)	2.98 kg

WC = Water Column

SEE INTERNATIONAL PRICE BOOK FOR LIST PRICING.



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