



T-SDX-93720-xxx-xxx Sensor

Stevens SDX Real Time (Remote) Water Level Monitoring Pressure Sensor

The Stevens SDX (Submersible Depth Transmitter) is a high-accuracy water level/depth sensor that works with Onset's HOBOTM RX3000 cellular weather station to bring your water level data to the web. Suitable for a wide range of level monitoring applications, the SDX is a cost-effective option for remote, real-time water level data collection.

Supported Measurements:

Remote Water Level Monitoring and Water Level



Key Advantages:

- Rugged housing and fully-potted electronics ensure reliability, even in hostile fluid environments
- Provides remote access to water level data when paired with HOBOTM RX3000 weather stations via Onset's web platform, HOBOLink.com
- Custom-length cables enable use in a wide range of wells
- Typically provides +/- 0.1% accuracy (full scale)
- Ideal for groundwater and aquifer monitoring, stream and river gaging, and storm surge monitoring and more
- Pre-configured kits available combining the HOBOTM RX3000 cellular remote monitoring station with the Stevens SDX water level sensor

Note: A calibration certificate is not included with the purchase of this sensor. If you require a calibration certificate, please call sales at 1-800-LOGGERS.

T-SDX-93720-xxx-xxx Sensor Specifications

Power requirements	9 - 30 VDC
Output	4-20 mA current signal, linearly corresponding to range
Operating temperature	-40° F to 185° F (-40° C to 85° C)
Compensated temperature	32° F to 122° F (0° C to 50° C)
Linearity	0-5 ft range: 0.2% max. 0-10 ft range: 0.2% max. 0-35 ft range: 0.3% max. 0-50 ft range: 0.3% max. (0.1% typical for all ranges)
Repeatability & hysteresis	Typical: ± 0.2% span
Reverse polarity protection	Built into sensor
Overpressure	0-5 ft: 20 psi max. 0-10 ft: 20 psi max. 0-35 ft: 45 psi max. 0-50 ft: 45 psi max.
Shock	Qualification tested to 150 g
Wiring	Red: power Green: 4-20 mA return Silver: drain wire
Pipe threading	1/2-14 straight pipe thread (back of sensor housing near cable) 3/8-18 straight pipe thread (under removable copper nose-cone)
Physical size	4.00" L x 0.84" dia. (101.6 mm L x 21.33 mm dia.)
Weight	Probe: 2.37 oz (61.19 g) Cable: 0.43 oz (12.19 g) per foot (.4 g per cm) (weights are approximate)

Part Numbers:

T-SDX-93720-105-010
T-SDX-93720-105-020
T-SDX-93720-105-030
T-SDX-93720-105-050
T-SDX-93720-105-100

T-SDX-93720-110-010
T-SDX-93720-110-020
T-SDX-93720-110-030
T-SDX-93720-110-050
T-SDX-93720-110-100

T-SDX-93720-135-020
T-SDX-93720-135-030
T-SDX-93720-135-050
T-SDX-93720-135-100

T-SDX-93720-150-050
T-SDX-93720-150-100



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