9600 Series – Slimline Groundwater Monitoring Transducer

- Remote Ranging via PC Interface
- 20mm Diameter
- ▶ SDI-12 Communications Versions
- 318 S/S Wetted Parts
- ▶ Total Error Band <±0.1% FS (23°F to 113°F [-5°C to +45°C])</p>

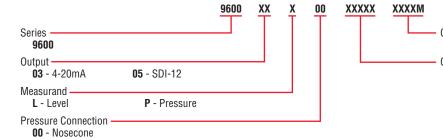
9600 Series pressure transducers meets the rigorous conditions for ground water monitoring while providing ultimate performance. 9600 Series transducers feature built-in specific gravity compensation to provide a true level reading, even when the media is subject to temperature changes over the ranges 23°F to 113°F (-5°C to +45°C). Manufactured with 318 stainless steel wetted parts, which provide excellent corrosion resistance. Reduce installation time, or recalibrate an installed unit without withdrawing it from its media, by using a cable-connected PC or hand-held interface. The SDI-12 communicating versions offer minimal current draw for battery powered applications.

Specifications

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Input			
Pressure Range	0 - 3 to 0 - 100mWG		
Proof Pressure	1.5 x Fs nominal range		
Burst Pressure	3 x Fs		
Fatigue Life	Designed for more than 100 million FS cycles		
Performance			
Long Term Drift	±0.05% year		
Accuracy	±0.05%		
Total Error Band	<±0.1% Fs (23°F to 113°F [-5°C to +45°C])		
Compensated Temperatures	es 23°F to 113°F (-5°C to +45°C)		
Operating Temperatures	-13°F to +158°F (-25°C to +70°C) non-freezing		
Electrical	,		
Output	SDI-12 (Temp output ±0.9°F [0.5°C]) or 4 - 20mA		
Supply Voltage	8-30Vdc		
Current Consumption	Standby less than 450µA; active less than 4mA average		
Surge Protection	61000-4-5 ±4kv		
Mechanical Configuration			
Pressure Port	Nosecone (M16 x 1.5 for calibration)		
Wetted Parts	Hastelloy, 318 Stainless Steel, Polyurethane, Acetal, Polyolefin		
Electrical Connection	Polyurethane Cable		
Enclosure	IP68 to 200mWG		
Shock	Withstands free fall to IEC 68-2-32 procedure 1		
Approvals	CE		
Weight	Approx. 100 grams (additional; cable 75 g/m)		

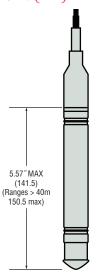
How to Order

Use the **bold** characters from the chart below to construct a product code





Dimensions in. (mm)



Wiring Details

		SDI-12	mA
	Red	Positive excitation	+Ve
	Blue	Negative excitation	-Ve
	Green	SDI-12	Comms

Cable Length XXXXM - Cable length in meters (MAX 0060 for SDI-12)

Calibrated Range

XXXM - mWG (003M to 100M) XXXF - FtWG (010F to 330F) XXXP - PSI (005P to 145P) XXBX - Bar (00B3 to 10B0)

9600 Series / p1of1 / 21-MAR-16