

CONDUCTIVITY/TDS MONITOR / CONTROLLERS

750 Series II



SPECIFICATIONS

Ranges	34 ranges from 0-1 ppm/ μ S (μ M) to 0-200 ppt/mS (mM) See Price List for further details.
Display	Models 756II & 757II: 2.5 in./63 mm Analog Meter Models 758II & 759II: .5 in./13 mm 3½ Digit LCD; opt. 3½ or 4½ Digit Backlit
Accuracy	Models 756II & 757II: \pm 2% of full scale Models 758II & 759II: \pm 1% of full scale
Sensitivity	0.05% of full scale
Stability	0.05% of full scale
Repeatability	0.1% of full scale
Calibration Check	Built in
Recorder Output	0-10 VDC @ 5 mA max. (linear); standard all models
Sensor Inputs	1 (3 input option available)
Control Function	Single Alarm/controller fully adjustable 0-100% of full scale Hysteresis: Adjustable from 0.3-3% of full scale Indicators: Above (red) and below (green) setpoint LEDs (reversible) Contact Rating: SPDT 10 amp @ 250 VAC, 30 VDC. Relay operates decreasing or increasing reading (selectable) Second Alarm/Controller, with above specifications - optional
Solid State Output	Powered; 24 VDC Unregulated 30 mA max.
Power	115/230 VAC, 50/60 Hz, \pm 15% (user selectable) 24 VDC or AC optional
Maximum Power Consumption	@ 115V: 100 milliamps
Dimensions	152 H x 122 W x 96 D mm / 6 H x 4.8 W x 3.8 D in.
Construction	Fully gasketed heavy-duty ABS case; water resistant and corrosion proof IP65/NEMA 4X rated
Ambient Temp Range	0 - 60°C / 32 - 140°F
Weight	0.9 kg/2 lbs.

SENSORS - CS51LC, CS51 and CS52

These reliable sensors feature an integral temperature sensor to ensure accurate and rapid automatic temperature compensation. The sturdy polypropylene bushing is modular for easy inexpensive replacement. Several alternatives for the metal portion of the sensor are available, depending on the demands of the application.

CS51LC sensors (0.1 constant) are used for 5 and below.
CS51 sensors (1.0 constant) are used between 0-10 and
0-20,000.

CS52 sensors (10.0 constant) are used above 20,000.

Low cost, low temperature, low pressure sensors available upon request. See Conductivity/TDS Sensor Selection Guide.

SPECIFICATIONS

Temperature Compensation:
Integral thermistors provide automatic TC to 25°C between 0-100°C/32-212°F.

Pressure /Temperature

Limits: CS51: 100 psi / 690 kPa @ 100°C/212°F. 250 PSIG @ 205°C, Models CS40 and CS41 sensors available on special order.

Bushing: Modular Polypropylene threaded 3/4" NPT. 1/2" PVDF or 316 stainless steel fittings available as option.

Cable: Shielded 10 ft./3 meters standard 25 and 100 ft./ 8 and 30 meter lengths available. 100 ft./30 meter is maximum recommended.

Dimensions: CS51: Metal portion 30 L x 13 Dia. mm / 1.2 L x .5 Dia. in.

