

Specifications



Range	EC	0.0 to 199.9 $\mu\text{S}/\text{cm}$; 0 to 1999 $\mu\text{S}/\text{cm}$; 0.00 to 19.99 mS/cm ; 0.0 to 199.9 mS/cm
Range	TDS	0.0 to 100.0 ppm; 0 to 1000 ppm; 0.00 to 10.00 ppt; 0.0 to 100.0 ppt
Range	Temperature	-10.0 to 100.0°C
Resolution	EC	0.1 μS ; 0.01 mS ; 0.1 mS ;
Resolution	TDS	0.1 ppm; 1 ppm; 0.01 ppt; 0.1 ppt
Resolution	Temperature	0.1°C
Accuracy	EC	$\pm 0.5\%$ F.S.
Accuracy	TDS	$\pm 0.5\%$ F.S.
Accuracy	Temperature	$\pm 0.5^\circ\text{C}$ (0 to 70°C); $\pm 1^\circ\text{C}$ (outside)
EC Calibration		automatic or manual at 1 point
Temperature Compensation		Automatic (with Pt100 probe) or manual from -10 to 100°C with $\beta = 0.00$ to 10.00%/°C
TDS Conversion Factor		adjustable from 0.00 to 1.00
Digital Output		RS232 bi-directional opto-isolated
Analog Output		isolated: 0-1 mA, 0-20 mA and 4-20 mA, 0-5 Vdc, 1-5 Vdc and 0-10 Vdc
Analog Input		4-20 mA
Setpoint Relay		2 contact outputs SPDT 5A - 250 Vac, 5A - 30 Vdc (resistive load) or 1 or 2 Solid State Relay (SSR), 1A, 250 Vac (resistive and inductive load)
Alarm Relay		contact outputs SPDT 5A - 250 Vac, 5A - 30 Vdc (resistive load) or 1 or 2 Solid State Relay (SSR), 1A, 250 Vac (resistive and inductive load)
Power Supply		115 Vac $\pm 10\%$, 230 Vac $\pm 10\%$; 50/60 Hz
Environment		0 to 50°C (32 to 122°F); RH max 95% non condensing
Dimensions		panel cutout: 140 x 140 mm, instrument: 144 x 144 x 170 mm
Weight		1.6 kg (3.5 lb.)