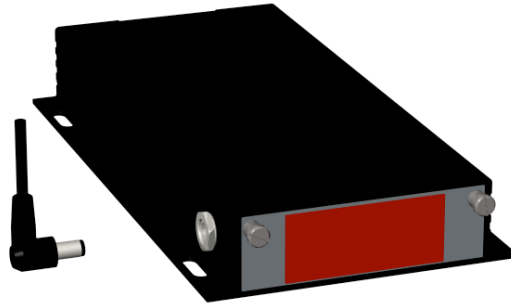




4100-SC/4101-SC SPECIFICATIONS



Description:

The 4100-SC is a self-contained signal conditioner with a built in oscillator/demodulator designed primarily for use in low volume, single point measurement applications. The 4100-SC is compatible with all new and existing Capacitec Sensor probes and Thin Film Wands.

Power Requirements:	+5VDC @ \pm 200mA (universal power supply included)
Operating Temperature:	0-35°C
Temperature Stability:	-1.0mV per degree C typical (or better)
Physical Dimensions:	241mm X 108mm X 32mm (9.5" X 4.25" X 1.25")
Output:	0-10Vdc (+/-5 Vdc opt.); proportional to sensing gap. Includes a 10Vdc offset control.
Range:	Typically 100% of probe's sensor diameter or diametrical area equivalent. 2/3 of sensor diameter for best linearity
Linearity: calibration.	Typically \pm 2% of full scale or better with 2/3 range
Frequency Response:	232Hz standard; 3.1KHz optional (-3dB point)
Resolution:	1 mVdc