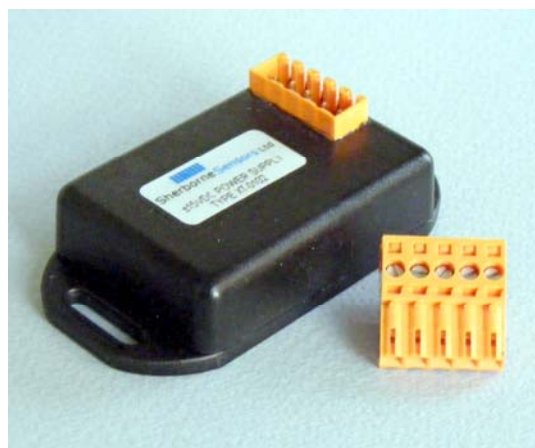


XT-0102

±15VDC Bi-Polar Power Supply Module

Features

- ❑ *Unregulated, single ended DC voltage input, Bi-polar DC voltage output*
- ❑ *Output galvanically isolated from input*
- ❑ *10-32 VDC Input voltage; ±15VDC Output voltage at ±45mA*
- ❑ *High reliability*
- ❑ *Form Factor only 67x35x15mm*



Description

The XT-0102 is a 'stand-alone' power supply module capable of supplying the excitation voltage required for many of the inclinometers and accelerometers manufactured by Sherborne Sensors. The module accepts an unregulated supply down to 10VDC enabling operation from automobile batteries. The unit is short circuit and input polarity protected, is fully encapsulated and has screw terminal connections for complete flexibility.

Specifications

Input voltage range	10-32	VDC
Output current	±45	mA max
Input current at no load	35	mA typ
Capacitive load	47	µF max (each output)
Voltage set accuracy	± 2	%
Temperature coefficient	± 0.1	%°C
Temperature range	-20 to +50	°C
Isolation voltage	1500	VDC (Input/Output, 60 seconds)
Short circuit protection		Constant current (auto recovery)
Reverse voltage protection		Diode protection on input
Case material		Black ABS Plastic

Dimensional Drawing

