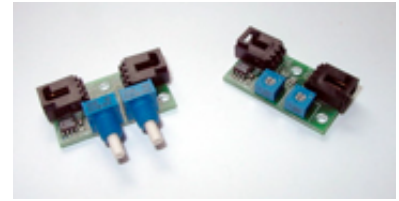


T200 Scaler

Technical Specifications



Electrotap, LLC

4604 North Hereford Drive
Muncie, Indiana 47304

info@electrotap.com
<http://electrotap.com>

Physical Attributes

| | |
|-------------------|---|
| Dimensions | 1 3/8" (37mm) x 1 1/4" (32 mm) x 1/2" (11mm) |
| Solder Mask Color | Green |
| Encasement | Protective rubber/foam padding on bottom surface. |
| Temperature Range | 0°C to 70°C (32°F to 157°F) |

Electrical Specifications

| | |
|------------------------|---|
| Voltage Source | 5 Volts |
| Minimum Current Source | 5 mA / depends on application |
| Gain Range | 1 to 50 times the input |
| Offset Range | 0-5 Volts |
| Connector Layout | Pin 1: Ground Pin 2: Sensor 1 Pin 3: 5 Volts (power supply) |

Application Examples

- Amplifying accelerometers to measure tilt
- Amplifying temperature sensors to get higher resolution within a small range. Good for making a temperature sensor hypersensitive to sense human touch or breath.
- Amplifying light sensors
- Improving the performance of sensors manufactured by companies other than Electrotap for use with the Teabox
- Converting a high-impedance sensor to low-impedance
- Driving a signal through a long cable