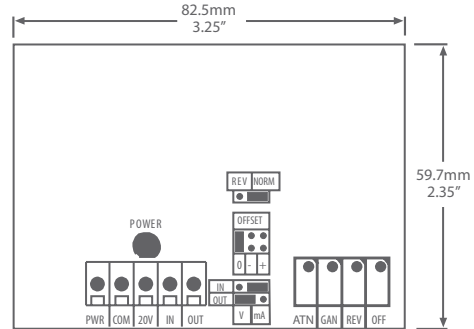
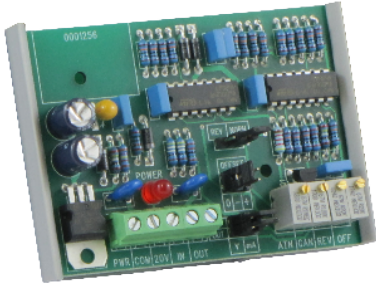




ANALOG SCALING MODULE



GT-ASM

APPLICATIONS

- Resistance to voltage or current conversion
- Voltage to voltage or current conversion
- Current to voltage or current conversion
- Voltage or current signal reversal

PRODUCT DESCRIPTION

The GT-ASM analog scaling module is used for analog signal conversion or re-scaling. It will accept one DC voltage, current or resistance input signal and output a non-isolated voltage or current signal. The output signal is easily calibrated for various offsets and spans and can be direct or reverse acting to provide signal inversion.

The GT-ASM also includes a regulated power output that can be used to power a transducer or resistance input. It features top-adjust trim-pots for offset, gain, input attenuation and reverse-offset calibration. There is also an LED power indicator.

The product comes with standard snap-track for easy mounting or is also available mounted in a hinged ABS enclosure.

ORDERING INFORMATION

GT-ASM

SPECIFICATIONS

| | |
|-----------------------------|---|
| POWER SUPPLY | 23 to 28 Vdc, 22 to 26 Vac half-wave rectified |
| CONSUMPTION | 100 mA maximum |
| PROTECTION CIRCUITRY | Reverse voltage protected, overvoltage protected |
| OPERATING CONDITIONS | 0 to 50°C (32 to 122°F) 5 to 95 %RH non-condensing |
| STORAGE CONDITIONS | -30 to 70°C (-22 to 158°F) 5 to 95 %RH non-condensing |
| WIRING CONNECTIONS | Screw terminal block 14 to 22 AWG |
| ENCLOSURE | Snap back mounting 59.7mm L x 82.5mm W (2.35" x 3.25") |
| POWER OUTPUT | Regulated Power: 20 Vdc ±10% @ 30 mA maximum, output to power an external sensor |
| INPUT SIGNAL | Voltage Range: 0 to 17.5 Vdc Voltage Impedance: >100 KΩ Current Range: 0 to 30 mA Current Impedance: 250 Ω |
| OUTPUT SIGNAL | Voltage Range: 0 to 17.5 Vdc Voltage Impedance: 3 KΩ @ 17.5 Vdc Current Range: 0 to 30 mA Current Impedance: 650 Ω @ 20 mA Accuracy: ±1% |
| COUNTRY OF ORIGIN | Canada |

NOTE: Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.