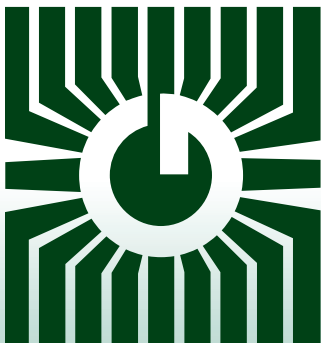
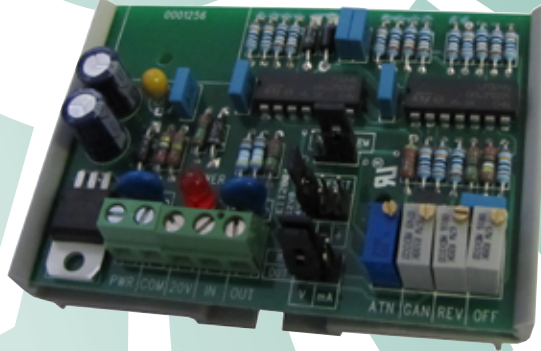


GREYSTONE

ACCURACY BY DESIGN



ANALOG SCALING MODULE Model GT-ASM



Precision Signal Conditioning

FEATURES:

- Field Selectable Input & Output Ranges
- Direct or Reverse Acting Output
- LED Power Indicator
- Regulated 20 Vdc Power Output
- Compact and Economical
- Snap Track Mounted

*Peace of mind
through reliable
signal interfaces*

GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM

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 transducer is used for analog signal conversion or re-scaling. It will accept one DC voltage, current or resistive 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.

SPECIFICATIONS:

General Specifications

Power Supply	.23 to 28 Vdc, 22 to 26 Vac Half-wave rectified
Consumption	.100 mA max.
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 track mounting 2.35" L x 3.25" W 59.7 x 82.5 mm ABS Hinged Enclosure 5.7" L x 3.95" W x 2.5" D 145 x 100 x 63 mm

Power Output

Regulated Power	.20 Vdc \pm 10% @ 30 mA max Output to power an external sensor
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Input Signal

Input Voltage Range	.0 to 17.5 Vdc
Input Voltage Impedance	.> 100 K Ω
Input Current Range	.0 to 30 mA
Input Current Impedance	...250 Ω

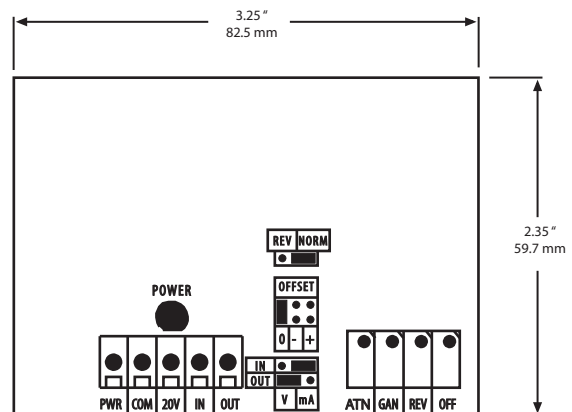
Output Signal

Output Voltage Range	.0 to 17.5 Vdc
Output Voltage Impedance	. 3 K Ω at 17.5 Vdc
Output Current Range	.0 to 30 mA
Output Current Impedance	..650 Ω at 20 mA
Accuracy	... \pm 1%

ORDERING INFO:

GT-ASM Analog Scaling Module

DIMENSIONS:



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RoHS
COMPLIANT



Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC sensors and transducers for Building Automation Management Systems.

We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.

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