





ANALOG RELAY MODULE

GT-ASM Series

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.

PRODUCT HIGHLIGHTS

* Field selectable input & output ranges
* Direct or reverse acting output
* LED power indicator
* Regulated 20 Vdc power output
* Compact and economical
* Snap track mounted

SPECIFICATIONS



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| DESCRIPTION | ENGINEERING SPEC |
| POWER SUPPLY | 23 to 28 Vdc, 22 to 26 Vac, half-wave rectified |
| CONSUMPTION | 100 mA maximum |
| PROTECTION CIRUITRY | Reverse voltage protected, overvoltage protected |
| OPERATION 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  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 |