



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

DESCRIPTION	ENGINEERING SPEC
POWER SUPPLY	23 to 28 Vdc, 22 to 26 Vac, half-wave rectified
CONSUMPTION	100 mA maximum
PROTECTION CIRCUITRY	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