

# Danntech Process Instrumentation

*Danntech*

## Multi-Channel Resistance Transmitter 24/12 VDC

**Price:** [Call for Pricing](#)

The multi-channel resistance transmitter has been designed to provide a convenient interface between resistance transmitters typically used in automotive or mobile applications. Designed to be used with single terminal resistance transducers, typically Siemens VDO Automotive type temperature and pressure sensors, which utilize a chassis-based ground return. Nine resistance and one frequency inputs are provided, each producing a 4 to 20 mA output in proportion to the input resistance or frequency. The outputs share a common ground connection with the sensors. Signal isolation is not provided. An auxiliary 9V 100 mA power output is provided for an 'off-board' RS232 RMF Communications Module.

### **Applications:**

Vehicle monitoring systems.

Multiple resistance to current conversion.

Frequency or speed conversion to 4-20 mA.

Mobile applications using PLCs or remote control, logging or monitoring systems.

### **Specifications:**

- Nine resistance inputs - anything between 0 to 10 k $\Omega$  , specified on order.

- One frequency input - from 0.01 to 1,000 Hz.

- Input power supply 18 to 30 VDC at 400 mA maximum.

- Auxiliary DC output 9 V DC at 100 mA.

- 4-20 mA outputs independent of load - up to 500  $\Omega$  .

- Open sensor output current of 23 mA.

- Sensor excitation current 1 to 10 mA.

- Dimensions 185 x 110 x 60 mm (W x H x D).

[Vendor Information](#)

