

ADW511 Millivolt Two Wire Transmitter

Description

The ADW511 is an mV two wire transmitter. As the input signal varies from 0 to 100%, the supply current is modulated from 4-20mA.

Technical Specifications

Input

Any signal developed from a thermocouple greater than 4mV. Automatic cold junction compensation fitted as standard.

Supply

Nominal 24Vdc
Can vary from 12 to 36V
The maximum line resistance is determined by the supply voltage.

Performance

Linearity $<\pm 0.1\%$
10 – 90% Time Constant $<400\text{mS}$
Automatic cold junction compensation

Isolation

250V RMS. Input/Supply

General Specifications

Optimum operating conditions when supply voltage 24Vdc

Environmental Conditions

Storage Temperature -40 to 70°C
Operating Ambient -15 to 55°C
Relative Humidity 5-95% RH

Dimensions

50w x 75x 110d (mm)

