

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<±0.1%</th>10 – 90% Time Constant<400mS</td>Automatic cold junction compensation

Isolation

250V RMS. Input/Supply

General Specifications

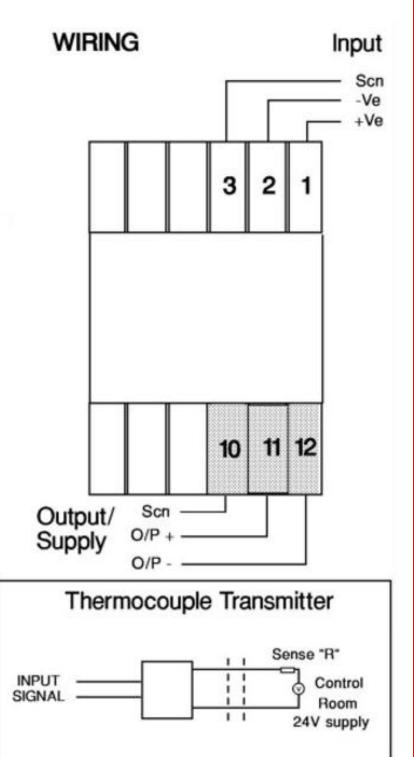
Optimum operating conditions when supply voltage 24Vdc

Environmental Conditions

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



50w x 75x 110d (mm)



Tel: 01908-567003 Email: sales@amelec-uk.com Visit: www.amelec-uk.com Fax: 01908-566735

AMELEC Instruments, Cochran Close, Crownhill, Milton Keynes, MK8 0AJ