

AEW520 RTD Head Mount Two-Wire Transmitter

Description

The Low Profile AEW520 RTD PT100 two-wire transmitter. As the input signal varies from 0 to 100% the supply current is modulated from 4 to 20mA.

Technical Specifications

Input

Standard input type as PT100 2/3 wire RTD, other types available on request.
Multirange input from 25 to 600°C, selectable by span and zero jumper links. Factory scaled prior to shipment on request.
Input O/C drive: Selectable Up or Down.

Output

Selectable: 4-20mA or 20-4mA.
the maximum line resistance determined by the supply voltage.
E.g. Up to 700 ohms @ 24Vdc

Supply

Nominal 24Vdc (6.2 to 32Vdc)

Performance

Linearity 0.1%
10-90% Time constant <400mS
Line resistance compensation.

Isolation

250V RMS. Input/Output

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

Diameter: 44mm
LOW PROFILE - Height inc. terminals: 18mm

