

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

<u>Input</u>

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.



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)

<u>Performance</u>

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

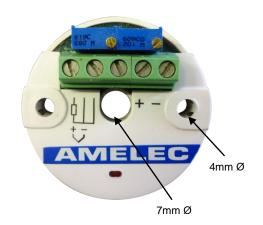
Storage Temperature -40 to 70°C

Operating Ambient -15 to 55°C Relative Humidity 5-95% RH

Dimensions

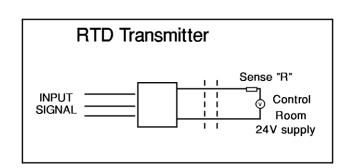
Diameter: 44mm

LOW PROFILE - Height inc. terminals: 18mm









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