

## AEC240AC/DC Potentiometer Input Transmitter

- Suitable for combinations of Potentiometer Inputs & process Voltage or Current Outputs
- True universal AC/DC supply, voltage range 21V through 265V AC/DC

### Technical Specifications

#### Input

3 wire Potentiometer ranges up to 20Kohms may be specified.  
Typical Input: 0-1Kohms or 0-5Kohms

#### Output

The standard output signal is 4-20mA, other ranges are available on request.  
The current source can be up to 20mA with a drive voltage of 13V.  
The voltage source can be up to 10V's, max drive 20mA.

The output current is configured as an Active/Source port as std,  
Passive/Sink port configuration available on request (max 30V external).

#### Other Typical Output ranges

0-10mA, 0-20mA, 1-5mA, 0-2V, 0.4-2.0V, 1-5V, 2-10V, 0-10V

#### Accuracy/Linearity

Accuracy:  $<\pm 0.1\%$  Span  
Linearity:  $<\pm 0.1\%$  Span.

#### Input Open Circuit Response

Upscale Drive

#### Supply

Burden on 24Vdc supply 50mA  
Burden on AC supply 1W

#### Isolation

1000V RMS Input/Output/Supply

#### Environmental Conditions

Storage Temperature:  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$   
Operating Ambient:  $0^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$   
Relative Humidity: 5% to 95% RH (Non-Condensing)  
EMC: 2014/30/EU , EN 61326-1:2013 (Controlled EM)

#### Mounting / Dimensions

Din Rail (TS35)  
Enclosure: H: 75mm W:22.5mm D:105mm

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