

ADW540C Slidewire Input Two Wire Transmitter

Description

The ADW540C is a potentiometer input two wire transmitter. As the wiper of the transducer moves along the track from 0 to 100%. The supply current is modulated from 4-20mA.

Technical Specifications

Input

A transducer with a total track resistance between 2 and 25 Kohms. The front face zero and span potentiometers allow for a $\pm 10\%$ movement of the mechanical and electrical end stops.

Supply

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

Performance

Linearity $\leq \pm 0.2\%$
10 – 90% Time Constant $< 400\text{ms}$

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 75h x 110d (mm)

