



DC Voltage/Current Input Isolating Signal Conditioner - WV408

Product Images



Short Description

DC Voltage/Current Input Isolating Signal Conditioner approved for use in Class I Div 2 Group A,B,C & D areas.

Description

Now approved for use in Class I Div 2 Group A, B, C, D areas!

Users can now have significant labor savings over traditional protection methods because there is no need for explosion proof enclosures and conduits.

A Class I hazardous location is one in which flammable gases or vapors may be present in the air to be ignitable or explosive. (Typical applications include petroleum refineries, spray finishing areas, utility gas plants and fuel servicing areas.)

A Division 2 area is one where the flammable gases or vapors are normally not present in an explosive concentration, but could accidentally exist.

Group A is Acetylene, Group B includes Hydrogen, Group C includes Ether and Group D includes Hydrocarbons, fuels and solvents.

The Ultra SlimPak II is an exciting new line of isolating signal conditioners from Action Instruments with greater accuracy and better stability than virtually any other signal conditioners on the market today. The Ultra SlimPak II features Smart Power, which eliminates wasted power for low loop resistance loads in the current output mode.

The WV408 has both voltage and current input ranges. Four voltage input ranges ($\pm 150\text{mV}$, $\pm 1.5\text{V}$, $\pm 15\text{V}$ and $\pm 150\text{V}$) are DIP switch selectable. Each of these ranges has at least 95% zero and span adjustment, which, for example, would allow you to set a 0-20mV user range on the $\pm 150\text{mV}$ full scale range. Two current input ranges ($\pm 2.5\text{mA}$ and $\pm 25\text{mA}$) are also DIP switch selectable. "Sigma-Delta" conversion produces an effective resolution of 15 bits. Both voltage and current have input accuracies of 0.015% of full scale. Outputs include 0-10V, 0-20mA and 4-20mA. The WV408 also supports reverse output.

FEATURES:

- Lower Power Requirements with Smart Power Control
- Improved Accuracy
- LED Trip and Input Indicators
- Optional E-mail Notification of Alarms

Additional Information

Brand	Action Instruments
Input	+/- 150mV, +/-1.5V, +/-15V or +/-150VDC
Mounting Type	DIN Rail
Typical applications	Energy
Measurements	Voltage DC