

ADM230KWDI Auto Manual Station

- Suitable for SIL 1, 2 & 3 applications
- Suitable for combinations of process inputs and outputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

The unit has front panel toggle for auto/manual switch-over and a 15 turn blindset potentiometer to set the output current.

Input

Normally configured to accept a 4-20mA signal but could be factory configured to accept any signal that can develop a span of 400mV's

Output

Normally configured for a 4-20mA output, but available ranges are:

Current source up to 20mA. Drive voltage 24Vdc
Voltage source up to 10V. Max current 20mA

Isolation

1000V RMS* Input/Output/Supply.

*(500Vdc if RFI option specified) Linearity $\leq \pm 0.1\%$

Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

Operation

The standard unit configured for 4-20mA in and out. The sense resistor on the output side of the unit being 50 ohms, developing 0.2 to 1.0V as either the input or the manual control varies 0 to 100%.

Typical Input

Current 4-20mA 20Ω

Voltage 0-10Vdc 1MΩ

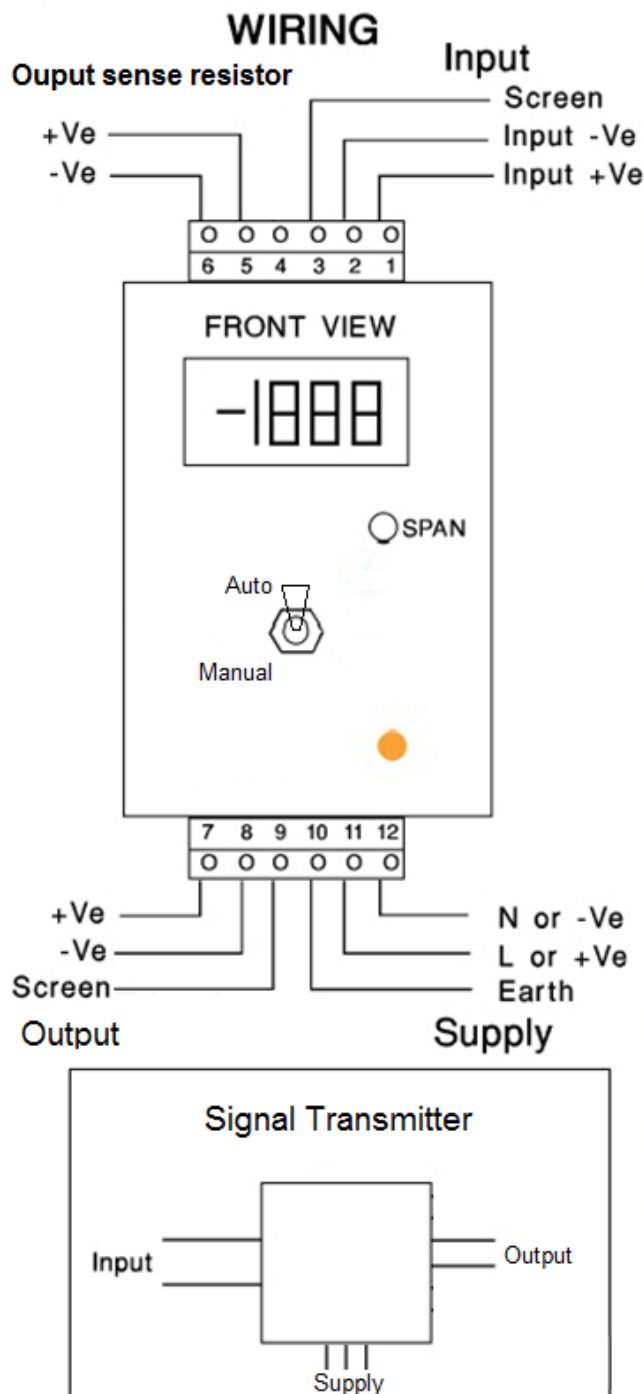
Typical Output

Current 4-20mA max load 1200Ω

Voltage 0-10Vdc min load 500Ω

Dimensions:

50w x 75h x 145d (mm)



Digital Display

Digital indication of Output signal on a 3.5 digit Liquid Crystal Display, calibrated either 0.0-100.0(%) or 4.0-20.0(mA) as standard. (Other scalings available on request)

Mounting Options

Surface, Din Rail or front of Panel (TBA at time of order)

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