

ADM231MPX Dual Output Pressure Transmitter/ Isolator

- ★ Suitable for SIL 1, 2, 3 applications
- ★ Suitable for any process input
- ★ Supply Voltages
 - 115Vac $\pm 20\%$
 - 230Vac $\pm 20\%$
 - 24Vdc $\pm 2.5V$
 - 48Vdc $\pm 5V$
- ★ RFI Protection to IEC61000-4-3 available
- ★ Amelec Standard 10 year guarantee

Technical Specifications - (each output)

Input

1/4 " BSP thread connection
Pressure Ranges 0-500mbar to 0-1500 bar.
Input open circuit downscale as standard
Input open circuit upscale option available

Output

Any standard process current or voltage.
(The outputs may be different)
Current sink max 30V External.
Current source upto 20mA. Drive voltage 2 x 11V.
Voltage source upto 10V. Max current 20mA.

Isolation

1000V dc Input/Outputs/Supply/Earth
★ 500V DC If RFI option (K) is specified
Linearity/Accuracy: $< \pm 0.25\%$

Environmental Conditions

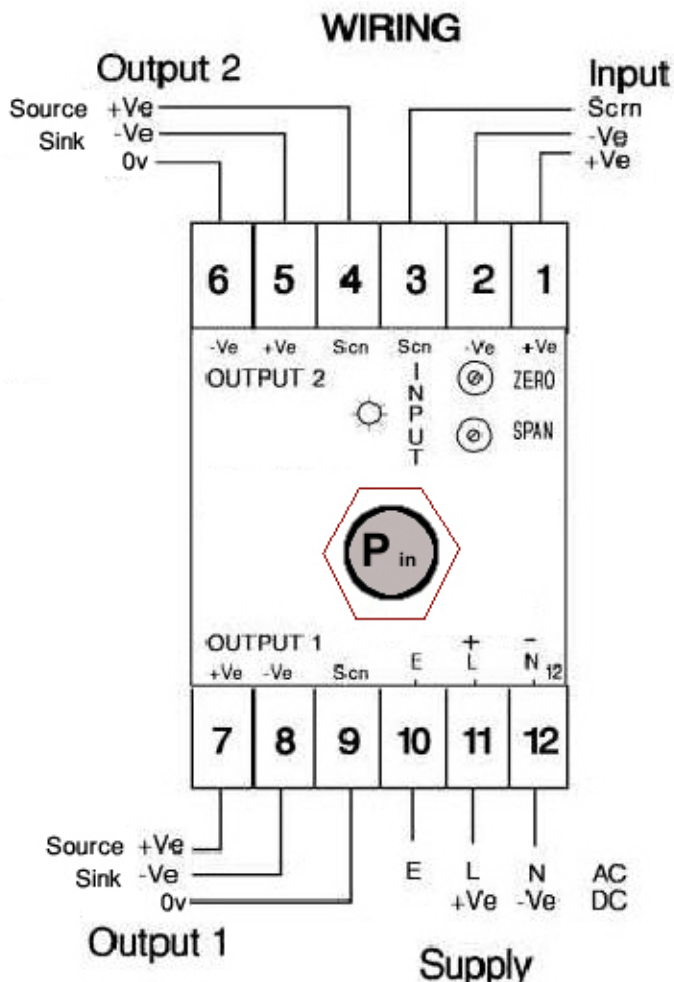
Storage Temperature -40 to 70°C
Operating Ambient -15 to 55°C
Relative Humidity 5-95 % RH

Typical output

Current 2x 4-20mA max load 500Ω
Voltage 2x 1-5Vdc min load 250Ω

Or

Output 1 = 4-20mA
Output 2 = 0-10Vdc



Dimension: 50W x 75H x 131D (mm)

