

ADP413 3-Phase 3-Wire Wattmeter / Power Transducer

- Non-Smart/Non-uProcessor based, type A instrument
- External Power or primary supply sensed from the voltage input (Self Powered) options
- Suitable for 3-phased 3 wire balanced loads
- External power Supply options: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
415Vac $\pm 20\%$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Standard current: 0-1Amp or 0-5Amps, Direct or via C.T's
Standard voltage: 63V, 115V, 230V or 415Vac, Direct or via V.T's

Output

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

Isolation

4000V rms 50Hz 1 min Input/Output/Case/Aux Supply
Accuracy $< \pm 0.25\%$ span

Environmental Conditions

Storage Temperature: -40 to +70°C
Operating Ambient: -20 to +60°C
Relative Humidity: 0 – 95% RH
EMC: 2014/30/EU, EN 61326-1:2013 (Controlled EM)

Input Current Load / Output Drive

Input

Current circuit Burden: 0.3VA, aux. supply
($< 3VA$ when Self Powered option specified)

N.B; 80-120% working range when self powered

Typical Output

Current: 4-20mA, max load 500Ω
Voltage: 0-10Vdc, min load 500Ω

Weight

≤ 1 Kg

Dimensions

100w x 70h x 112d (mm)

