

Power Transducers

RP Series

AC Current & Voltage transducers.



Features

- ◆ Accuracy of 0.2% (0.4% for TRMS).
- ◆ Input burden of only 0.3VA / element.
(1VA for self powered type).
- ◆ DIN rail mount.
- ◆ IEC 688 compliance.



MODEL	DESCRIPTION	PRICE
AC Current transducers.		
RPA	AC current transducer. Input: 0~5 amp ac. Power supply: 240Vac. Output: 4~20mA.	\$190.00
RPAX	AC current transducer. 3 way. Input: 3 x 0~5 amp ac. Power supply: 230Vac. Output: 3 x 4~20mA.	\$320.00
AC Voltage transducers.		
RPV	AC voltage transducer. Input: 0~300 volts ac. Power supply: 240Vac. Output: 4~20mA.	\$235.00
RPVX	AC voltage transducer. 3 way. Input: 3 x 0~300 volts ac. Power supply: 240Vac. Output: 3 x 4~20mA.	\$320.00
Options		Add price
	Input: Amps: 0~5, 0~1 amps ac. Volts: 0~150, 0~300, 0~500 volts ac.	N/C N/C
	Power supply: 110 or 240Vac.... Loop powered..... Self powered..... 415Vac..... 24Vdc.....	N/C N/C N/C \$80.00 \$80.00
	Output: 0~1mA, 0~20mA, 0~10mA, 4~20mA. 0~1V, 0~5V, 0~10V, 2~10V, 1~5V.	N/C
	True RMS conversion.	POA



RP Series

Frequency & Power factor transducers.



MODEL	DESCRIPTION	PRICE
Frequency transducer.		
RPF	Frequency transducer. Input: 60~300V, or 300~600Vac. Power supply: 240Vac. Output: 4~20mA. Calibration, ±0.5, ±1, ±2, ±5, ±10, Hz.	\$450.00
Power factor transducer.		
RPPF	Power factor transducer. Input: 120V, 240V or 415Vac. Power supply: 240Vac. Output: 4~20mA.	\$470.00
Options		Add price
	Input: 0~5, 0~1 amps ac. 50, 60 Hz.	N/C
	Power supply: 110 or 240Vac... 415Vac..... 24Vdc.....	N/C \$80.00 \$80.00
	Output: 0~1mA, 0~20mA, 0~10mA, 4~20mA. 0~1V, 0~5V, 0~10V, 2~10V, 1~5V.	N/C

Power Transducers

RP Series

**Watt & Watt-hour transducers.
Var & Var-hour transducers.**



Features

- ◆ Accuracy of 0.2%.
- ◆ Input burden of only 0.3VA.
- ◆ DIN rail mount.
- ◆ IEC 688 compliance.



**Watt Transducers (RPW).
Watt-Hour Transducers (RPWh).**

**Var Transducer (RPK).
Var-Hour Transducer (RPKh).**

MODEL	DESCRIPTION	PRICE
RPW-101 RPWh-101	Watt transducer. Watt-hour transducer. <i>1 phase 2 wire.</i> Input: 5 amps, 240 volts ac. Power supply: 240Vac. Output: Watt: 4~20mA. Watt-hour: SSR or reed relay.	\$525.00 \$565.00
RPW-201 RPWh-201 RPK-201 RPKh-201	Watt transducer. Watt-hour transducer. Var transducer. Var-hour transducer. <i>3 phase 3 wire. Unbalanced load.</i> Input: 5 amps, 415 volts ac. Line volts. Power supply: 415Vac. Output: Watt or Var: 4~20mA. Watt or Var-hour: SSR or reed relay.	\$475.00 \$615.00 \$420.00 \$615.00
RPW-301 RPWh-301 RPK-301 RPKh-301	Watt transducer. Watt-hour transducer. Var transducer. Var-hour transducer. <i>3 phase 4 wire. Unbalanced load.</i> Input: 5 amps, 240 volts ac. Phase volts. Power supply: 240Vac. Output: Watt or Var: 4~20mA. Watt or Var-hour: SSR or reed relay.	\$525.00 \$690.00 \$445.00 \$690.00
Options		Add price
	Input: 50, 60 Hz. 1, 5 Amps ac. 69.3, 120, 240, 415 Volts ac.	N/C
	Power supply: 120 or 240Vac..... 415Vac..... 24Vdc.....	N/C \$80.00 \$80.00
	Analogue output for RPW or RPK: Uni-directional: 0~1mA, 0~20mA, 0~10mA, 4~20mA. 0~1V, 0~5V, 0~10V, 2~10V, 1~5V. Bi-directional: 4~12~20mA. 1~3~5V.	N/C
	Pulse output for RPWh or RPKh: Open collector type: 30V/30mA. max. Reed relay type: 50V/40mA. max.	

**OTHER CONFIGURATIONS
AVAILABLE.**

OTHER MODELS:

WATT & VAR TRANSDUCER (RPWK)

Outputs: 1 x Watt and 1 x Var.

WATT & WATT-HOUR TRANSDUCER (RPWWh)

Outputs: 1 x Watt and 1 x Watt/hour.

VAR & VAR-HOUR TRANSDUCER (RPKKh)

Outputs: 1 x Var and 1 x Var/hour.

Digital Power Meters



MDF



UMEF

MODEL	DESCRIPTION	PRICE
MDF	Programmable digital process meter. Digits: 4½ digit, LED. Power supply: 30~250Vac/dc. Programming: By dip switches. Range: 0 to ±19999 counts. Input: Voltage: min span: -10 ~ +10 mVdc. max span: -400 ~ +400 Vdc. Current: min span: -1 ~ +1 mAdc. max span: -200 ~ +200 mAdc.	\$555.00
UMEF	Programmable DC Ratio Meter. Digits: 4 digit LED. Power supply: 30~250Vac/dc. Range: 0 to 9999 counts. Input: 4~20mA (standard) Other voltage and current inputs available.	\$555.00
OPTION		Add price
	Low voltage DC power supply. 24V.	\$76.00

Power Quality Meter

The EPM 7100 power meter is conceptualised as an intelligent and revolution to the traditional single function power meters. The EPM 7100 is a new compact (96 * 48mm), electronically advanced and programmable rotating display metering device. It is the answer to the future generation of electrical metering needs and methodology.

The EPM 7100 is able to replace many different units of conventional analogue or digital instruments.

The parameters such as **Amp, Volt, KVA, KW, PF, KWH, KVarH, Freq, etc.** can be displayed rotating automatically or changed manually by keypad on meter head. This saves on wiring usage and reduces the cost on metering needs.



EPM 7100

MODEL	DESCRIPTION	PRICE
EPM 7100	Power quality meter. <ul style="list-style-type: none"> ◆ For factory and building automation. ◆ Modbus RTU protocol. ◆ True RMS conversion. ◆ Field programmable PT / CT ratio. ◆ Accuracy up to 0.2%. ◆ Memory for all setup and energy data. ◆ Comprehensive self test diagnostics. ◆ Wide power supply range 80~260Vac/dc. ◆ 2KV RMS input / power isolation. 	\$490.00
OPTION		Add price
	Low power supply. 20~60Vdc.	\$76.00

DC to Frequency Transmitter

PS Series

Analogue to frequency transmitter.

MODEL	DESCRIPTION	PRICE
PSG	Programmable DC to Frequency transmitter. Plug-in module. DIN rail mount. Power supply: 120Vac or 240Vac selectable. Input: Many ranges, programmable by dip switches. ~volts, From 0~20mV to 0~200Vdc. ~amps, From 0~200µA to 0~50mAdc. Output: Many ranges, programmable by dip switches. From 0~0.1Hz to 0~10kHz. Open collector, 5~30Vdc. 50mA.	\$445.00
OPTION		Add price
	DC power supply. 12V, 24V or 48Vdc.	\$76.00



PSG

C6 Series

Split Core CT.

MODEL	DESCRIPTION	PRICE
C6A	AC Current Transformer. Class 1. CT ratio 600/5A. Tolerance +/-0.5. Insulation 100 Mohm minimum.	\$250.00



C6A