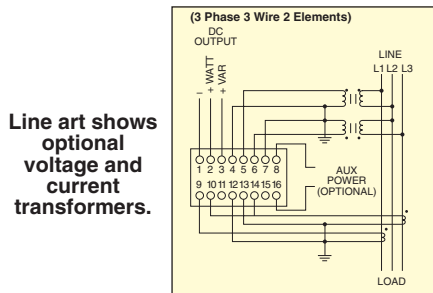
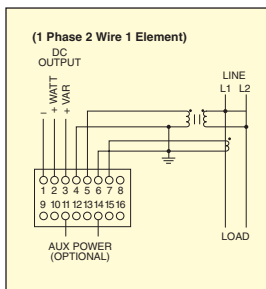


Combined Watt/VAR Transducers (Volt Amp Reactance)

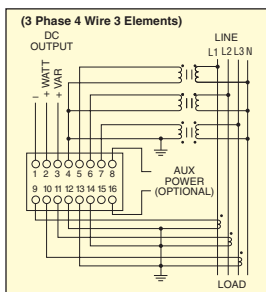
OM11 Series
Starts at
\$510

- 0.2% Accuracy
- Both Watt and VAR Output
- Provides Isolation

The OMEGA® OM11 transducers accept ac voltage and current to produce a two conditioned dc process signal outputs representing wattage and Volt Amp Reactance (VAR). Single, dual, and three element models are available to accommodate a variety of wiring configurations. For larger input voltages and currents, the OM11 transducers may also be used with OMEGAs voltage and current transformers.



Line art shows optional voltage and current transformers.



Specifications

Accuracy: 0.2% of reading
Sustained Input Overrange:
 Voltage, 120% continuous, 150% for 5 seconds; current, 200% continuous, 1000% for 5 sec

Outputs: 0 to 1 mA dc,
 0±1 mA DC: into 10 kΩ
 10 Vdc compliance;
 4 to 20 mA DC, 12±8 mA
 DC into 750Ω max
 15 Vdc compliance

Zero Adjust: ± 5% min

Span Adjust: ±10% min

Response Time:
 >400 msec; 0 to 99%
 of full scale

Power Consumption:
 5 VA max

Isolation: Input to output:
 2500 Vac, 60 Hz, 1 min;
 input to power: 2500 Vac,
 60 Hz, 1 min; input to case:
 2500 Vac, 60 Hz, 1 min;
 power to output: 2000 Vac,
 60 Hz, 1 min; power to case:
 2000 Vac, 60 Hz, 1 min; output
 to case: 500 Vac, 60 Hz, 1 min

Dimensions:
 12 H x 11.2 W x 9.6 cm D
 (4.717 x 5.236 x 3.769")



OM11-43540AFB0,
\$610, shown smaller
than actual size.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Price	Input	Input Freq.**	Output Watt	Output VAR	Power Required
AC Watt/VAR (1 Element)						
OM11-41540AFB0-(*)	\$510	120 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-41580AFB0-(*)	510	240 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-41540AHD1-(*)	510	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-41580AHD1-(*)	510	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-41540AHD2-(*)	510	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac
OM11-41580AHD2-(*)	510	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac
AC Watt/VAR (2 Elements) For Delta Configuration Or "Y" Configuration With No Neutral						
OM11-43540AFB0-(*)	\$610	120 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-43580AFB0-(*)	610	240 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-43540AHD1-(*)	610	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-43580AHD1-(*)	610	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-43540AHD2-(*)	610	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac
OM11-43580AHD2-(*)	610	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac
AC Watt/VAR (3 Elements) For 4-Wire "Y" Configuration						
OM11-45540AFB0-(*)	\$790	120 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-45580AFB0-(*)	790	240 Vac/5A	60 Hz	0±1 mA	0±1 mA	Self powered
OM11-45540AHD1-(*)	790	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-45580AHD1-(*)	790	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	120 Vac
OM11-45540AHD2-(*)	790	120 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac
OM11-45580AHD2-(*)	790	240 Vac/5A	60 Hz	4 to 20 mA	12±8 mA	240 Vac

* Specify "-M" for full scale = lag VAR input/output relationship, or "-P" for full scale = lead VAR input/output relationship.

** Consult engineering for 50 Hz and 400 Hz models.

Ordering Example: OM11-41540AFB0, 120 Vac/5 A, 60 Hz transducer, \$510.



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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters