

- ✓ DC- and AC- Voltage or Current
- ✓ Watt- Measurement
- ✓ True RMS Values
- ✓ Analogue Output 0-10V
- ✓ Analogue Output 4-20mA
- ✓ Supply 230VAC
- ✓ Supply 24VDC
- ✓ For 35 mm DIN - Rail

**OC35-AC** are transmitters for true R.M.S. voltage or current. They convert the input signals into standardized 4-20mA or 0-10V analogue output and are supplied from 230VAC mains or from 24VDC. The output signal is isolated by 250V R.M.S. from the input and the supply.



**OC35-W** are transmitters for true R.M.S. power measurement. Voltages up to 250V and currents to 5A can be directly connected. Larger currents can be connected via current transformers or shunts. The output signal is isolated by 250V R.M.S. from the input and the supply.

The transmitters are calibrated with sinewave signals in five points. The calibration sheet is enclosed to each transmitter.

## SPECIFICATIONS

Inputs: Voltage: 0 ... 60mV to 250V AC true R.M.S.  
 Current: 0 ... 1 mA to 5A AC true R.M.S.  
 Watt: 0 ... 250V and 0 ... 5A true R.M.S.  
 The current range can also be set for 60mV or 150mV Shunts.  
 Frequency: DC - 1 kHz.

Outputs: Voltage: 0 ... 10V isolated by 250V R.M.S. or  
 Current: 4 - 20mA isolated 250V R.M.S.

Accuracy: Voltage:  $\pm$  (0.05% from reading + 0.1% from range).  
 Current:  $\pm$  (0.05% from reading + 0.1% from range).  
 Watt:  $\pm$  (0.1% from reading + 0.5% from range).  
 The stated accuracies are valid for calibration with sinewave signals.

Tempco:  $\pm$  50 ppm/K.

Supply: Standard: 230V  $\pm$  10%, 48 - 60Hz, 2VA.  
 Option: 24V DC  $\pm$  10%, 3W or 9-36VDC, 3W.

Cabinet: For 35mm DIN- Rail. Size: 75 x 79 x 40 mm, 200 g.

Terminals: Screw Terminals.