

Omni C Series Current Transducers

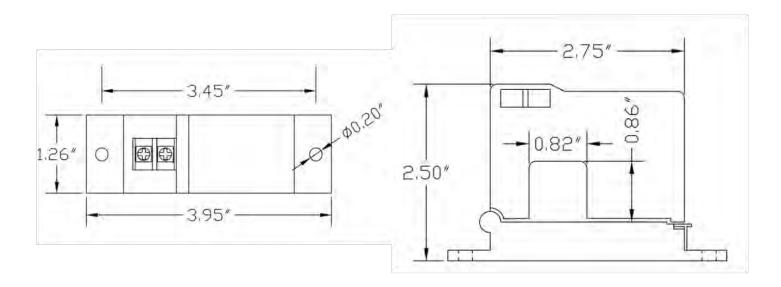


Description

The C series line of current transducer features an adjustable current measurement range with an easy to measure, 5V, 10V or 4-20mA output. Voltage models are passively powered, requiring no external supply, while the 4-20mA RMS version features a simple loop powered interface. All models are UL, CE & RoHS certified.

Specifications

| | OMNI-C1-10V | OMNI-C2-10V | OMNI-C1-5V | OMNI-C2-5V | OMNI-C1-MA | OMNI-C2-MA |
|--------------|-------------------|-----------------|--------------|-----------------|------------------------------|-----------------|
| Range | 10, 20, 50 A | 100, 150, 200 A | 10, 20, 50 A | 100, 150, 200 A | 10, 20, 50A | 100, 150, 200 A |
| Opening Size | 20 x 22 mm | | | | | |
| Weight | 150g | | | | | |
| Response | 250 m/sec (0-90%) | | | | | |
| Temperature | -30 to +70 °C | | | | | |
| Humidity | 0-95% RH | | | | | |
| Isolation | 2000V | | | | | |
| Supply | N/A | | | | 15 to 42 V DC (Loop Powered) | |
| Output | 0 – 10V DC | | 0 – 5V DC | | 4-20 mA | |
| Frequency | 40 – 400 Hz | | | | | |
| Accuracy | ±1% FS | | | | | |



Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

For pricing or any further information, please contact Omni Instruments Ltd.



UK / Europe Office Tel: +44 845 9000 601 Fax: +44 845 9000 602 info@omni.uk.com www.omniinstruments.co.uk Australian Office Tel: +61 282 442 363 Fax: +61 294 751 278 info@omniinstruments.com.au www.omniinstruments.com.au USA / Canada Office Tel: +1 866 849 3441 Fax: +1 866 625 8055 info@omniinstruments.net www.omniinstruments.net