DIN RAIL / PANEL MOUNT

The **CR6600** Series, Frequency Transducers and Transmitters are designed to give a DC output that is proportional to an input frequency value. These devices are especially suited to variable frequency systems.

CR6610 CR6620 CR6611 CR6621 CR6612 CR6622

100 - 5000 Hz Input Range

Applications

Outputs isolated from inputs
Ranges available for any application
Sine, square and zero crossover waveforms
35 DIN rail or panel mount
Connection diagram printed on case

Features

35mm DIN Rail or Panel Mount Available with 0 - 5 VDC, 0 - 10, or 4 - 20 mADC output 24 VDC powered Use with external current transformers Highest precision available

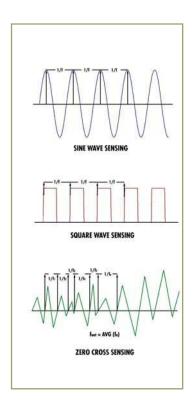
Connection diagram printed on case

Regulatory Agencies

Constructed to meet UL 61010B-1 Constructed to meet CAN/CSA-C22.2, No. 61010-1-2004 Meets requirement of IEC 61010-1 and BS EN 61010-1



Custom calibrations of unique full scale and zero scale values including parametric measurements are available. Contact factory for details.



Add suffix for input range

PART NUMBERS			
CR6610	-		Sine wave sensing with 0 - 5 VDC Output
CR6611	-		Square wave sensing with 0 - 5 VDC Output
CR6612	-		Zero crossover sensing with 0 - 5 VDC Output
CR6620	-		Sine wave sensing with 4 - 20 mADC Output
CR6621	-		Square wave sensing with 4 - 20 mADC Output
CR6622	-		Zero crossover sensing with 4 - 20 mADC Output

100 - 0-100 Hz 500 - 0-500 Hz 5000 - 0-5000 Hz other ranges available

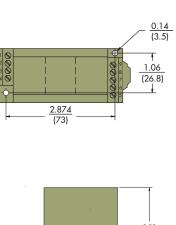


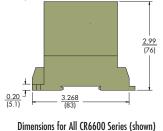
CR Magnetics, Inc. 3500 Scarlet Oak Blvd. St. Louis MO USA 63122 V: 636-343-8518 F: 636-343-5119

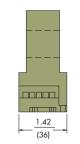
DIN RAIL / PANEL MOUNT

SPECIFICATIONS

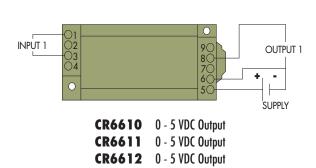
Input Voltage:..... 20 to 250 V Peak, Basic Accuracy:..... 0.5% Thermal Drift:...... 500 PPM/°C (other voltage ranges available) Operating Temperature:...... 0°C to +50°C Supply Current: Response Time: 250 ms. max, 0-90 % FS CR6610:.....Typical 30mA Max 40mA Insulation Voltage:..... 1500 VDC CR6620: Typical 50mA Max 95mA Torque Specs.:..... 3.0 inch lbs. (0.4Nm) MTBF:..... Greater than 100 K hours Supply Voltage:...... 24 VDC ±10% Output Load:...... 4-20 mA DC - 0 to 300 Ω 0-5 VDC - 2K Ω or Greater

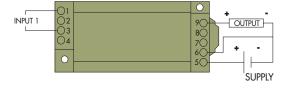












CR6620 4 - 20 mADC Output
CR6621 4 - 20 mADC Output
CR6622 4 - 20 mADC Output

CONNECTION DIAGRAM

NOTE: The building installation must have a switch or circuit-breaker that is in close proximity and within easy reach of the operator. The switch or circuit breaker shall be marked as the disconnecting device for the equipment.

