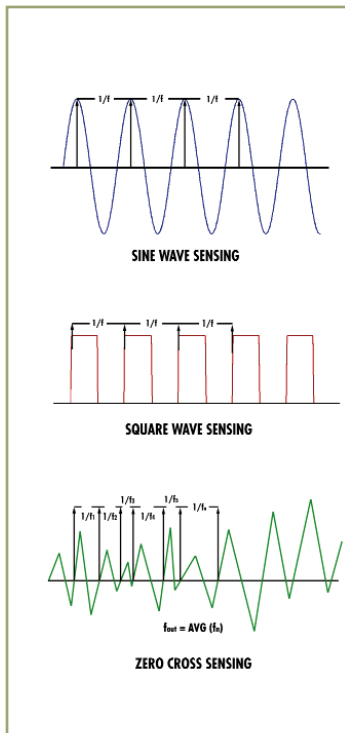


DIN RAIL / PANEL MOUNT

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.



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 or 4 - 20 mADC outputs
 24 VDC powered
 Use with external current transformers
 Highest precision available
 Connection diagram printed on case

Regulatory Agencies

Approved to UL3111-1, First Edition, Amendment 2
 Approved to CAN/CSA-C22.2, No. 1010.1-92
 Meets requirement of IEC 61010-1 and BS EN 61010-1



E199795

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



Another HUNTINGTON ELECTRIC Company

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

Web: <http://www.crmagnetics.com>

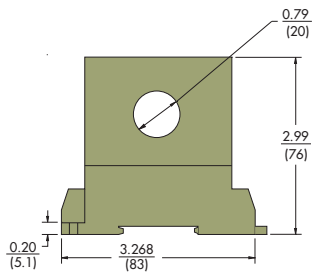
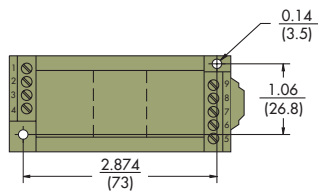
E-mail: sales@crmagnetics.com

Frequency Transducer

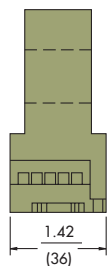
DIN RAIL / PANEL MOUNT

SPECIFICATIONS

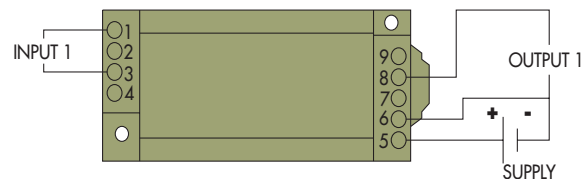
| | | | |
|-----------------------------|---------------------------|---------------------|---|
| Basic Accuracy:..... | 0.5% | Input Voltage:..... | 20 to 250 V Peak, (other voltage ranges available) |
| Thermal Drift:..... | 500 PPM/°C | Supply Current: | |
| Operating Temperature:..... | 0°C to +50°C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



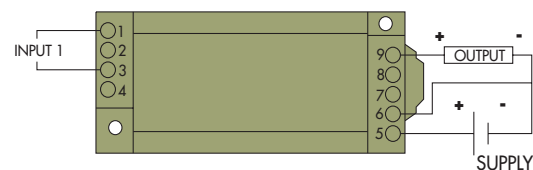
1 hole: 0.79(20) Dia. for CR6610 & 6620 (shown)



OUTLINE DRAWING



CR6610
0 - 5 VDC Output



CR6620
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.



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C
Transducers