

DIN RAIL / PANEL MOUNT

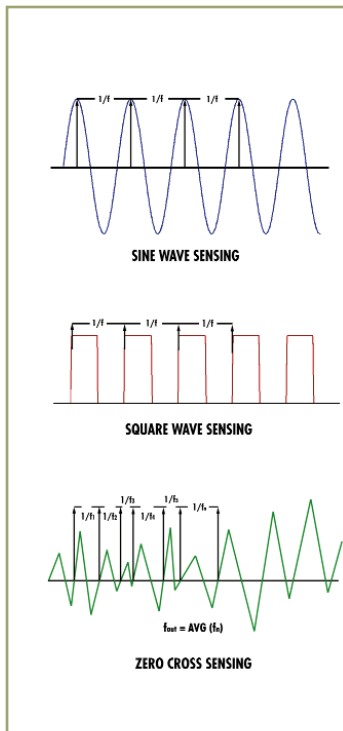
The **CR6600** Series, Frequency Transducers and Transmitters are designed to give a DC output that is proportional to an input frequency value. These devices are especially suited to variable frequency systems.



CR6610
CR6611
CR6612

CR6620
CR6621
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 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>

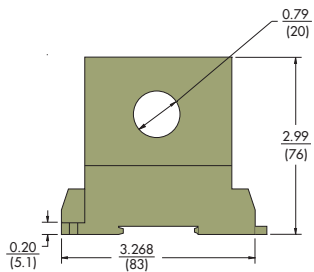
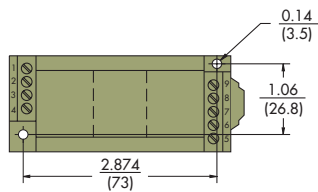
E-mail: sales@crmagnetics.com

Frequency Transducer

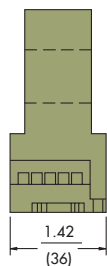
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SPECIFICATIONS

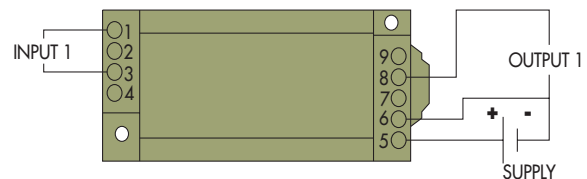
Basic Accuracy:.....	0.5%	Input Voltage:.....	20 to 250 V Peak, (other voltage ranges available)
Thermal Drift:.....	500 PPM/°C	Supply Current:	
Operating Temperature:.....	0°C to +50°C	CR6610:.....	Typical 30mA Max 40mA
Response Time:	250 ms. max, 0-90 % FS	CR6620:.....	Typical 50mA Max 95mA
Insulation 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