



# Frequency Transducer

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.

## Applications

- Applications monitor generator sets
- Multi-frequency control and monitoring
- Inverter drives and systems
- Power quality monitoring

## Features

- 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



**CR6610**  
**CR6611**  
**CR6612**

**CR6620**  
**CR6621**  
**CR6622**

**Internet Resources** <http://www.crmagnetics.com/>

Pricing: [pricing/6600.html](http://www.crmagnetics.com/pricing/6600.html)

## 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

☐ Add suffix for input range

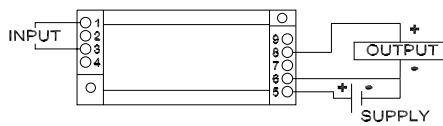
**100** - 0-100 Hz  
**500** - 0-500 Hz  
**5000** - 0-5000 Hz

Other Ranges Available

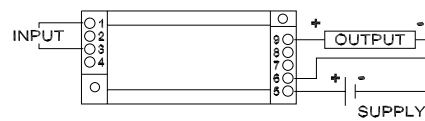
## Specifications

Basic Accuracy:.....	0.5%	Supply Voltage:.....	24 Vdc $\pm$ 10%
Thermal Drift:.....	500 PPM/ $^{\circ}$ C	Output Load:.....	4-20 mAdc - 0 to 300 $\Omega$
Operating Temperature:.....	0 $^{\circ}$ C to +50 $^{\circ}$ C		0-5 Vdc - 2K $\Omega$ or Greater
Response Time: .....	250 ms. max, 0-90 % FS	Input Voltage:.....	20 to 250 V Peak,
Insulation Voltage:.....	1500 Vdc		(other voltage ranges available)
MTBF:.....	Greater than 100 K hours		

## Connection Drawings

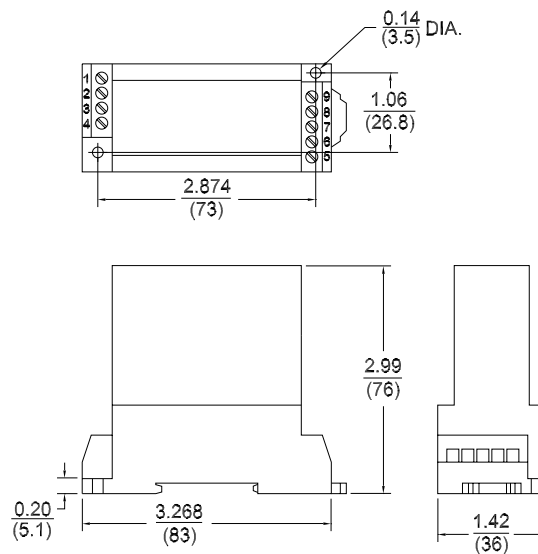


**CR6610**  
0 - 5 Vdc Output



**CR6620**  
4 - 20 mAdc Output

## Outline Drawing



inch (mm)