



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

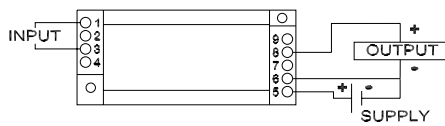
Other Ranges Available

Frequency Transducer

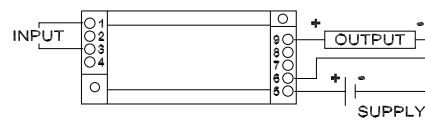
Specifications

Basic Accuracy:.....	0.5%	Supply Voltage:.....	24 Vdc \pm 10%
Thermal Drift:.....	500 PPM/ $^{\circ}$ C	Output Load:.....	4-20 mA _{dc} - 0 to 300 Ω
Operating Temperature:.....	0 $^{\circ}$ C to +50 $^{\circ}$ C		0-5 Vdc - 2K Ω 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

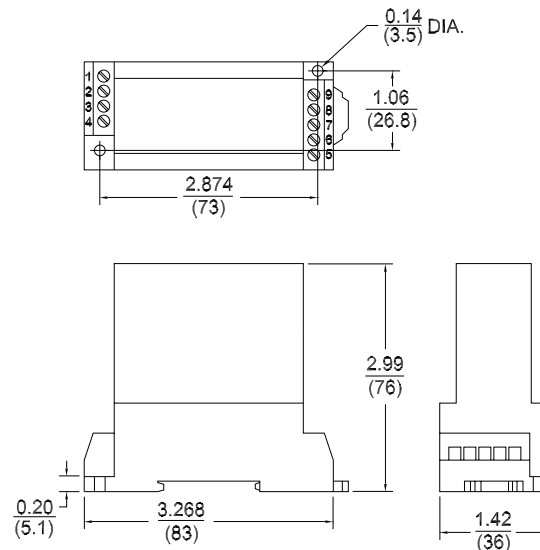


CR6610
0 - 5 Vdc Output



CR6620
4 - 20 mA_{dc} Output

Outline Drawing



inch (mm)