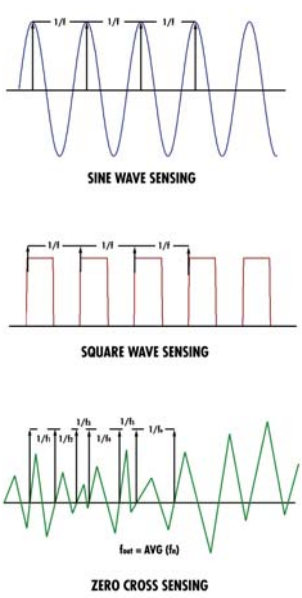
DIN RAIL / PANEL MOUNT

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**

40 - 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
Red LED Active Indication
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

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

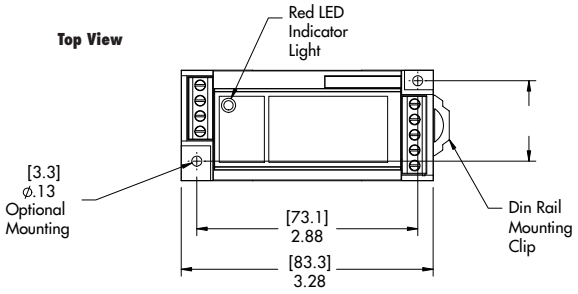
PART NUMBERS			
CR6610	-		Sine wave sensing with 0 - 5 VDC Output
CR6611	-		Square wave sensing with 0 - 5 VDC Output
CR6612	-		Zero crossover sensing with 0 - 5 VDC Output
CR6620	-		Sine wave sensing with 4 - 20 mADC Output
CR6621	-		Square wave sensing with 4 - 20 mADC Output
CR6622	-		Zero crossover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

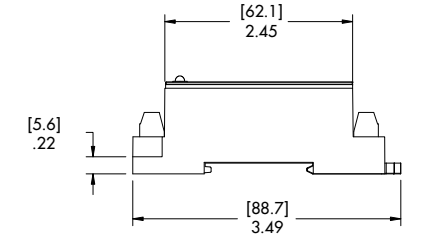
100 - 0-100 Hz
500 - 0-500 Hz
5000 - 0-5000 Hz
other ranges available

DIN RAIL / PANEL MOUNT

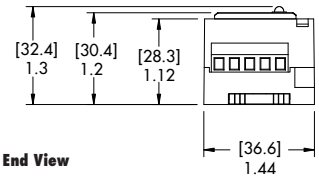
SPECIFICATIONS

Basic Accuracy:	0.5%
Linearity:	10% to 100% FS
Thermal Drift:	500 PPM/°C
Operating Temperature:	0°C to +60°C
Installation Category:	CAT II
Vibration Tested To:	IEC 60068-2-6,1995
Pollution Degree:	2
Response Time:	250 ms max. 0-90% FS
Supply Voltage:	24 VDC
MTBF:	Greater than 100 K hours
Frequency Range:	0 Hz - 2kHz, sine wave
Insulation Voltage:	2500 VDC
Altitude:	2000 meter max.
Output Load:	4-20 mADC -0 to 300 Ω 0-5 VDC - 2K Ω or Greater
Cleaning:	Water-dampened cloth
Relative Humidity:	5% to 95%, Non-Condensing
Input Voltage:	20 to 250 V Peak, (other voltage ranges available)
Supply Current:	
CR6610:	Typical 30mA Max 40mA
CR6620:	Typical 50mA Max 95mA
Torque Specs.:	3.0 inch lbs. (0.4Nm)
Weight:	0.5 lbs.

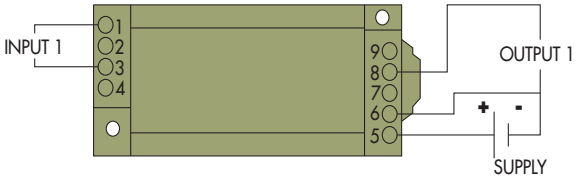




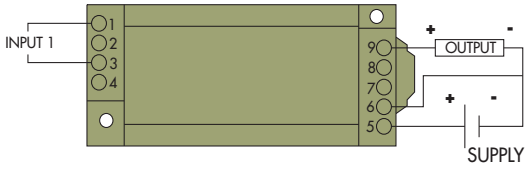
CR6610 CR6611 CR6612 CR6620 CR6621 CR6622



OUTLINE DRAWING



CR6610 0 - 5 VDC Output
CR6611 0 - 5 VDC Output
CR6612 0 - 5 VDC Output



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.