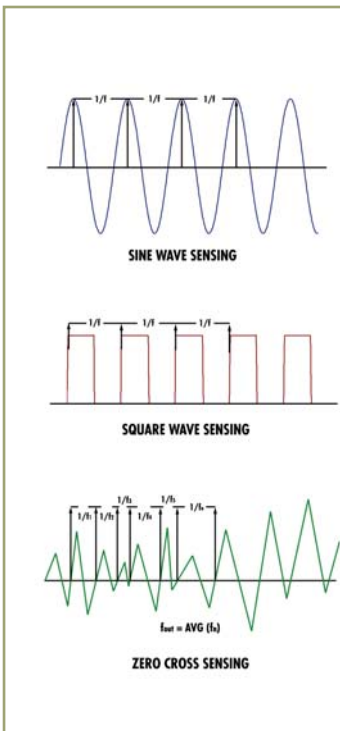


DIN RAIL / PANEL MOUNT



100 - 5000 Hz Input Range



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

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
Use with external current transformers
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



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

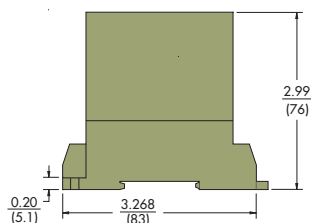
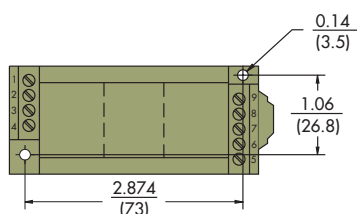
100 - 0-100 Hz
500 - 0-500 Hz
5000 - 0-5000 Hz
other ranges available

Frequency Transducer

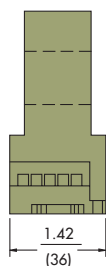
DIN RAIL / PANEL MOUNT

SPECIFICATIONS

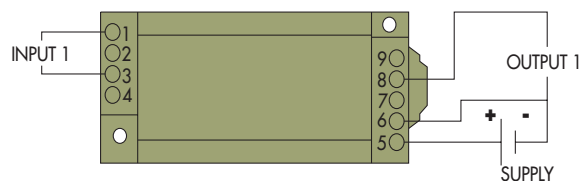
Basic Accuracy:.....	0.5%	Input Voltage:.....	20 to 250 V Peak,
Thermal Drift:.....	500 PPM/°C		(other voltage ranges available)
Operating Temperature:.....	0°C to +50°C	Supply Current:	
Response Time:	250 ms. max, 0-90 % FS	CR6610:.....	Typical 30mA Max 40mA
Insulation Voltage:.....	1500 VDC	CR6620:.....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



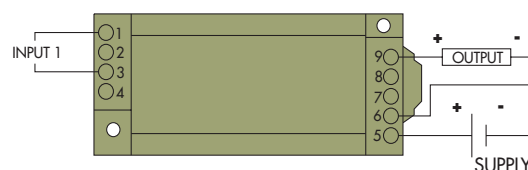
Dimensions for All CR6600 Series (shown)



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.



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