

DC Voltage Transducer

DIN RAIL / PANEL MOUNT, RMS

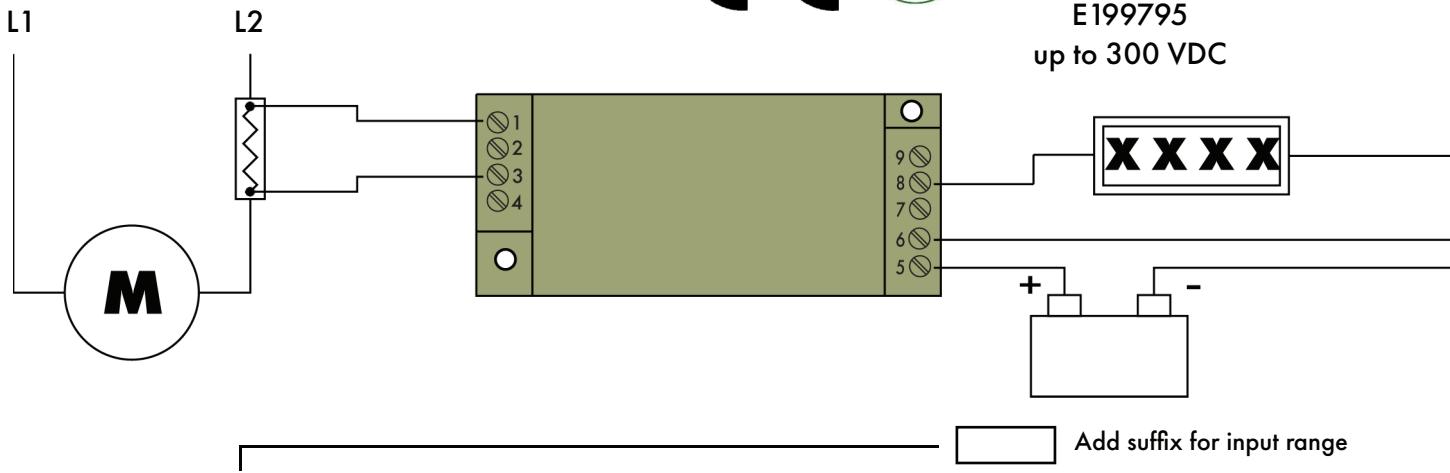


CR5310 CR5311 CR5320
Single Element
.01 - 200 VDC Input Range

C

Transducers

CR5310 with Resistor Application
is shown below (optional)



Add suffix for input range

.01	-	0-0.01 VDC
.05	-	0-0.05 VDC
.1	-	0-0.1 VDC
1	-	0-1 VDC
5	-	0-5 VDC
10	-	0-10 VDC
50	-	0-50 VDC
150	-	0-150 VDC
200	-	0-200 VDC
other ranges available		

PART NUMBERS			
CR5310	-		Single Element with ± 5 VDC output
CR5311	-		Single Element with ± 10 VDC output
CR5320	-		Single Element with 4 - 20 mA/DC output

NOTE: CR5300 Series is available with 12VDC Power Supply.
Example Part Number: CR5310-300-12V

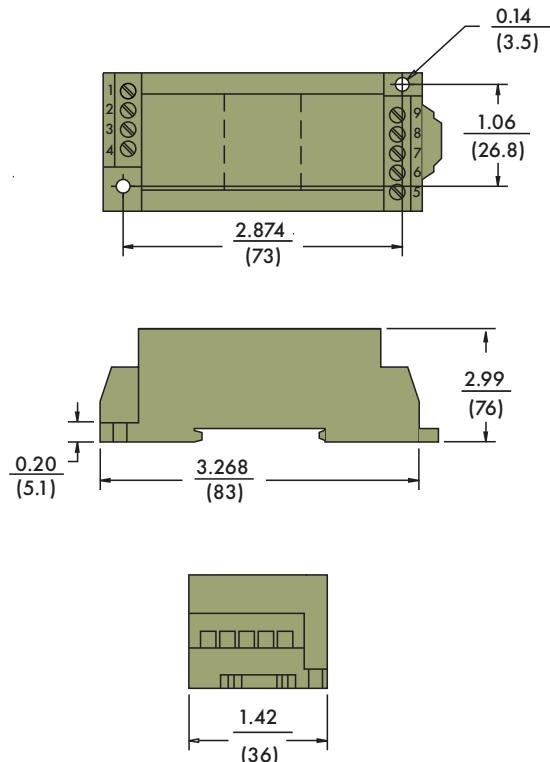
If you need a relay output, use a **CR3395**. See Section E for Details.

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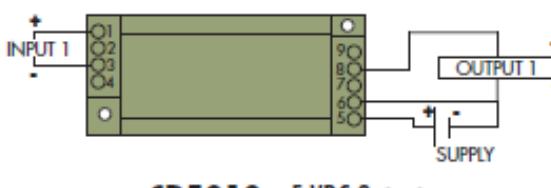
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SPECIFICATIONS

Basic Accuracy:	1.0 %	MTBF:	Greater than 100 K hours
Linearity:	10% to 100 FS	Terminal Block Wire:	24 ~ 16 AWG
Thermal Drift:	500 PPM/ $^{\circ}$ C	Output Load:	0-5 VDC- 2K Ω or greater 4-20 mA - 0 - 500 Ω
Operating Temperature:	0 $^{\circ}$ C to +50 $^{\circ}$ C	Relative Humidity:	5% to 95%, Non-Condensing
Installation Category:	CAT II	Supply Current:	
Vibration Tested To:	IEC 60098-2-2,1995	CR5310:	Typical 10mA - Max 15mA
Pollution Degree:	2	CR5320:	Typical 35mA - Max 60mA Units can incur performance degradation of 0.3 V when subjected to conducted or radiated RF
Response Time:	250 ms. max.,0-90% FS	Torque Specs.:	3.0 inch lbs. (0.4Nm)
Altitude:	2000 meters max.	Weight:	0.5 lbs.
Insulation Voltage:	2500 VDC	Cleaning:	Water-dampened cloth
Supply Voltage:	24 VDC \pm 10%		
Frequency Range:	DC only		



OUTLINE DRAWING



CR5310 5 VDC Output
CR5311 10 VDC Output



CR5320 4 - 20 mA 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.