Model CSC Cable Integral Inline Signal Conditioner

- IP67 stainless steel enclosure
- CE approved
- Zero and span adjustments
- 1 kHz bandwidth

OUTPUT

Model	Output	Power Supply	
		(DCV)	mA nom
CSC-1	±10 V Bipolar	14 to 18	30
CSC-2	0.1-10 V Unipolar Ten +	13 to 30	23
CSC-3	0.1-10 V Unipolar Comp +	13 to 30	23
CSC-4	±10 V Bipolar	±13 to ±15	23
CSC-5	± 5 V Bipolar	14 to 18	30
CSC-6	0.1-5 V Unipolar Ten +	8.5 to 28	23
CSC-7	0.1-5 V Unipolar Comp +	8.5 to 28	23
CSC-8	4-20 mA Bipolar Ten +	10 to 30	24
CSC-9	4-20 mA Unipolar Ten +	10 to 30	24
CSC-0	4-20 mA Unipolar Comp +	10 to 30	24
**CSD-4	RS-485	6-18	45
**CSD-4C	CAN Open	6-18	45

***Application Note**: The Model CSC signal conditioner comes installed and calibrated to your choice of load cell and cabling. Call our design engineers for consultation to ensure the configuration meets your application needs.*

** Additional Specifications for CSD-4 & CSD-4C	
Internal Resoution - 24 bit	
- Resolution@1Hz	200,000 counts
- Resolution@10Hz	120,000 counts
- Resolution@100Hz	50,000 counts
- Resolution@500Hz	18,000 counts
RS485 Data Rate	2,400 - 230K Baud
CAN 2.0B	20K - 1M bps

SPECIFICATIONS

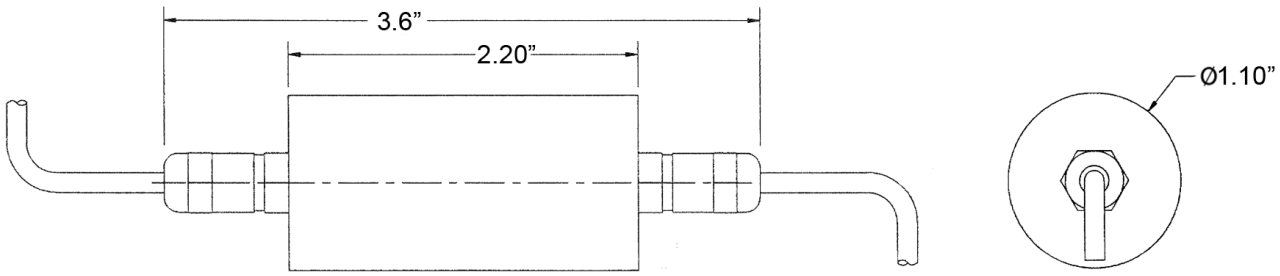
EXCITATION	
Voltage	5 VDC
Current	15 mA MAX
PERFORMANCE	
Bandwidth	1000 Hz
Span Adjustment Range	±8 % FRO
Zero Adjustment Range	±2 % FRO
Nonlinearity	0.02% FS
Span Temperature Coefficient	±0.0036 % /°F
Zero Temperature Coefficient	±0.0014% FRO/°F
ENVIRONMENTAL	
Size	2.2" 1.1" Diameter
Operating Temperature	-40 to 185°F
Enclosure	Stainless Steel Case Compression Cable Seals
Reverse Polarity Protection	-30V

OPTIONS

User-specified cable lengths
User-specified conditioner placement in data path

SYSTEM COMPONENTS

One CSC Conditioner
Load Sensor (not included)
Connection Cables (not included)



CSC
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