

CSC and LCSC-OEM Integral Inline Signal Conditioners



LCSC-OEM



CSC

- Outputs 4-20mA, 0-10V, 0-5V, $\pm 10V$, $\pm 5V$
- Zero and Span Adjustments
- 1kHz bandwidth
- CE Approved (CSC)
- High Noise Immunity
- Great for OEM Applications (LCSC)
- Reverse Polarity Protected

SPECIFICATIONS

EXCITATION	
Voltage	5 VDC
Current	15 mA MAX
PERFORMANCE	
Bandwidth	1000 Hz
Span Adjustment Range	$\pm 8\%$ FRO
Zero Adjustment Range	$\pm 2\%$ FRO
Nonlinearity	0.02% FS
Span Temperature Coefficient	$\pm 0.0036\%$ / $^{\circ}F$
Zero Temperature Coefficient	$\pm 0.0014\%$ FRO / $^{\circ}F$
ENVIRONMENTAL	
Operating Range— $^{\circ}F$	-40 to + 185 $^{\circ}F$
Enclosure	CSC Stainless Steel IP67 LCSC Plastic
Reverse Polarity Protection	$\sim 30V$
Dimensions	CSC 2.2" x 1.1" Diameter LCSC 2.75"W, 0.65"H, 1.25"D (69.85 x 16.51 x 31.75mm)

OPTIONS

User-specified cable lengths
User-specified conditioner in data path
Special Calibration

OUTPUT

Model	Output	Power Supply	
		(VDC)	mA nom
CSC and LCSC-0	4-20mA Unipolar Comp +	13 to 28	26
CSC and LCSC-1	$\pm 10V$ Bipolar	14 to 18	30
CSC and LCSC-2	0.1-10 V Unipolar Ten +	13 to 28	22
CSC and LCSC-3	0.1-10 V Unipolar Comp +	13 to 28	22
CSC and LCSC-4	$\pm 10V$ Bipolar	± 13 to ± 15	22
CSC and LCSC-5	$\pm 5V$ Bipolar	14 to 18	30
CSC and LCSC-6	0.1-5V Unipolar Ten +	8.5 to 28	22
CSC and LCSC-7	0.1-5V Unipolar Comp +	8.5 to 28	22
CSC and LCSC-8	4-20mA Bipolar Ten +	13 to 28	26
CSC and LCSC-9	4-20mA Unipolar Ten +	13 to 28	26
CSC and LCSC-10	4-20mA Unipolar Comp + (2-wire)	7.5 to 28	20
CSC and LCSC-11	4-20mA Unipolar Ten + (2-wire)	7.5 to 28	20

Applications Note: The Signal Conditioner models CSC and LCSC come installed and calibrated to your choice of load cell and cabling.

Reference Note: For information regarding Model CSD Embedded Load Cell Converter and Digitizer modules, see product-specific datasheet.