

BSC4A MULTI-CHANNEL ANALOG OUTPUT BRIDGE AMPLIFIER (U.S. & METRIC)

FEATURES & BENEFITS

- $\pm 10V$ and 4-20mA
- 4 independent channels
- For use with model 3AXX series 3-axis load cells
- Can be used with up to any 4 standard load cells (with mV/V output)

Amplifier channels have fixed gain settings and are not adjustable for specific load cell output signals. Because of this, the amplifier output will typically be less than the nominal 10V or 20mA at load cell full scale.

SPECIFICATIONS

PERFORMANCE		
Output Type		Analog Only
Signal Input Range – mV/V		Up to 10
Accuracy Class – %		0.05
CMR – dB @ 60 Hz		95 - 110
Data Rate – Hz		N/A
Cut-Off Frequency – analog – Hz		250
Cut-Off Frequency – digital		N/A
Resolution – bit		Analog
EXCITATION		
Excitation Voltage - V		5
Excitation Current – mA		10
Supply Voltage – VDC		11 to 30
Supply Current – mA		< 1000
ENVIRONMENTAL		
Operating Range	°C	-10 to +65
	°F	+14 to +149
Storage Range	°C	-40 to +85
	°F	-40 to +185
Zero Drift/ °C		0.005%
Sensitivity Drift/ °C		0.001%

OPTIONS

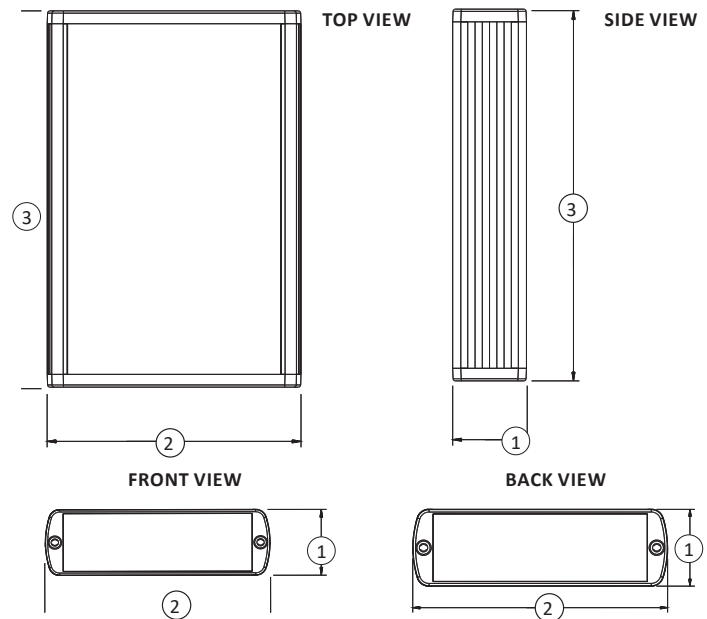
- M12 load cell connectors (4x)

STANDARD CONFIGURATION



BSC4A-D12 (Shown)

MODEL	DESCRIPTION
BSC4A	$\pm 10V$ and 4-20mA output, up to 10 mV/V input, 37-pin input connector. Includes power supply



DIMENSIONS

1		2		3	
mm	in	mm	in	mm	in
34.7	1.37	108.8	4.28	174.63	6.875