

Model BSC4 4-Channel Bridge Amplifier

- $\pm 10V$ and 4-20mA or USB outputs
- 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)



STANDARD CONFIGURATION

Model	Description
BSC4-VMA	$\pm 10V$ and 4-20mA output, 2 mV/V input, 37-pin input connector. Includes power supply
BSC4-USB	USB output, 2 mV/V input, 37-pin input connector, USB powered. Includes graphing and logging software.

SPECIFICATIONS

	BSC4-VMA	BSC4-USB
PERFORMANCE		
Signal Input Range	2 mV/V	2 mV/V
ACCURACY CLASS	0.05%	0.05%
CMR – dB @ 60 Hz	95-110	95-110
Data Rate – Hz	N/A	0-125
Sampling Frequency – MHz	N/A	1.92
Cut-off Frequency – Analog	250 Hz	1000 Hz
Cut-off Frequency – Digital	N/A	Notch Filter
Resolution	Analog	16-bit
EXCITATION		
Excitation Voltage	5V	2.5V
Excitation Current	10 mA	10 mA
Supply Voltage	11 to 30 VDC	4.5 - 5.5V from USB
Supply Current	<1000 mA	<200 mA
ENVIRONMENTAL		
Operating Range	-10 to +65 °C	-10 to +65 °C
Storage Range	-40 to +85 °C	-40 to +85 °C
Zero Drift	0.005%/°C	0.005%/°C
Sensitivity Drift	0.001%/°C	0.001%/°C

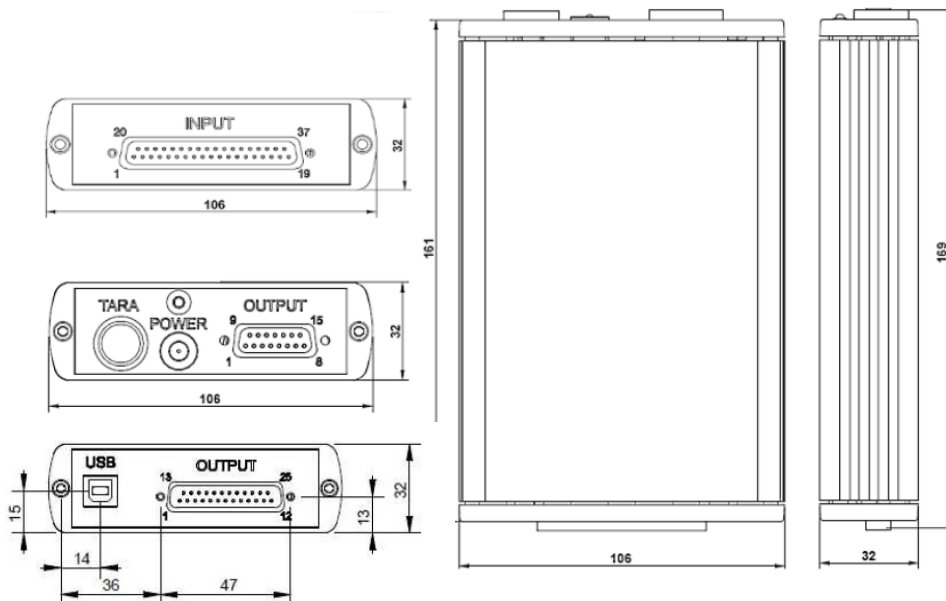
OPTIONS

- M12 load cell connectors (4x)



- 4 mV/V input range

DIMENSIONS



BSC4.2.0
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