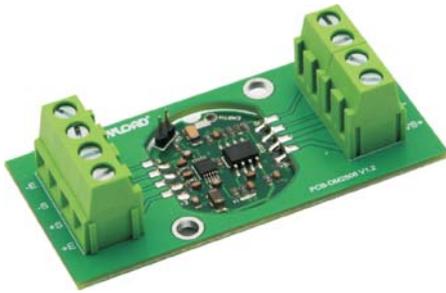
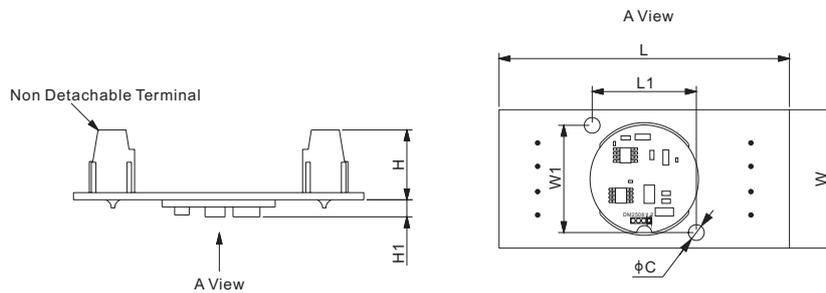


Digiboard, Analogue Amplifier



Features:

- One input port, can connect directly to 1 x 350 Ω load cell @ 12 V DC power, or 2 x 350 Ω load cells @ 24 V DC power
- Input range: 0.2 - 10.0 mV/V
- Reverse polarity protection
- The chip is 24.6 mm in diameter and can be embedded within load cells, making the load cells have built-in analog signal amplification
- Software is used for calibration
- DGB-A Chips can be embedded into load cells for built-in analog signal amplification (special order required)
- Designed for all strain gauge sensors including tension, compression, torque, and pressure load cells
- PC Software available for calibration, operations, and data acquisition



DIMENSIONS

	C	H	H1	L	L1	W	W1
inches	0.14	0.61	0.16	2.52	0.91	1.21	0.94
mm	3.5	15.5	4.0	64.1	23.0	30.7	23.8

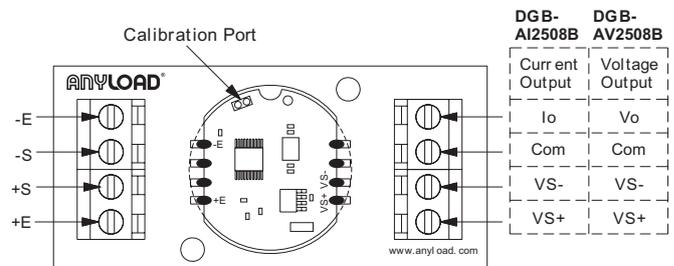
SPECIFICATIONS

Load Cell Type	All strain gage type	Non-linearity	≤0.02%
Power Supply And Consumption	12 - 24 V DC	Temperature Coefficient	≤100 ppm / °C
Input Range	0.2 - 10.0 mV/V	Output Signal	0 - 20 mA; 4 - 20 mA (DGB-AI2508B); 0 - 5 V DC; 0 - 10 V DC; -5 - 5 V DC (DGB-AV2508B)
Working Temperature	-22 °F - 122 °F / -30 °C - 50 °C		
Excitation Voltage To Load Cell	5 V DC		

PART NUMBER

Part No.	Output Signal	Shipping Weight Approx. (lb/kg)
DGB-AI2508B.....	0 - 20; 4 - 20 mA.....	0.09/0.04
DGB-AV2508B.....	0 - 5; 0 - 10; -5 - 5 V DC.....	0.09/0.04

CONNECTION DIAGRAM



Product Datasheet Disclaimer

Information Changes:

All product specifications, statements, information, and data (collectively, the “Information”) in this catalog or made available elsewhere by ANYLOAD are subject to change. Customers must verify the applicability of the Information at the time of order placement.

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Laboratory Conditions:

Data listed in the datasheet is produced within controlled laboratory settings and may not be reproducible without exact replication of all metrological conditions. Users must validate that a product with the described properties is suitable for their applications.

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