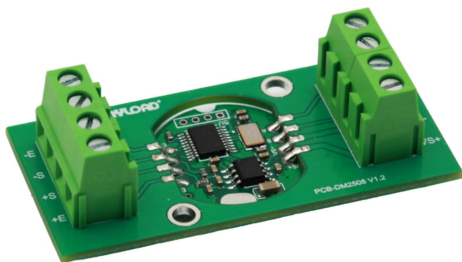
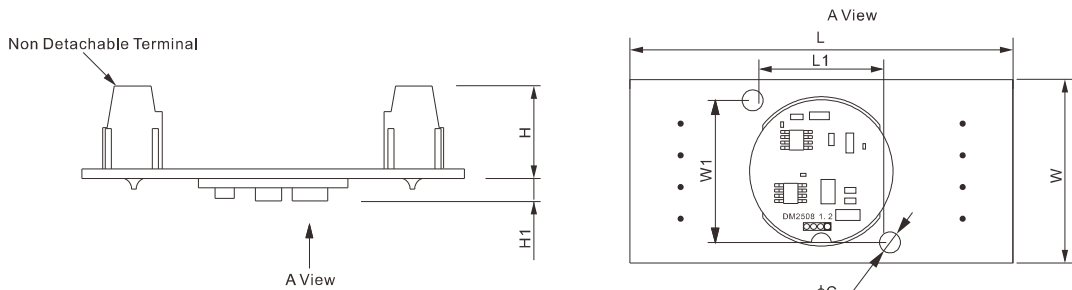


Digiboard, Digital Amplifier



Features:

- One input port, can connect directly to 1x350 Ω load cell, or max 4x350 Ω (or higher resistance) load cells through a junction box
- 24bit A/D Converter, high speed processor
- Internal digital filter and strong anti-interference ability
- Can perform up to 9 point linear calibration
- Applied to all kinds of strain gauge bridge-type load cell, such as, tension, compression, torque and so on
- 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-D Chips can be integrated into load cells for built-in digital signal conditioning/transmission (special order required)



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

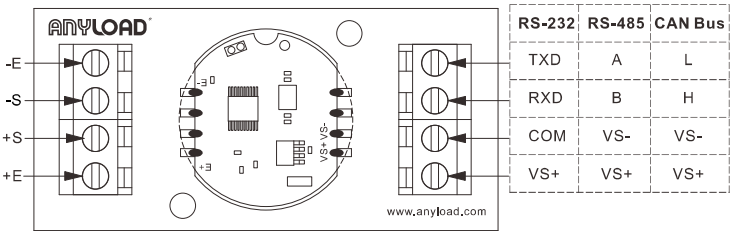
SPECIFICATIONS

Load Cell Type	All strain gage type	Output Signal	RS-232 (DGB-DM2507B)
Power Supply	9-24 V DC		RS-485 (DGB-DM2508B)
Power Consumption	0.36 W @12 V DC		CAN Bus (DGB-DC2508B)
Input Range	0.8-3.9 mV/V	Non-linearity	≤0.01%
Excitation voltage to load cell	5 V DC	Temperature Coefficient	≤100 ppm / °C
Working Temperature	-22°F - 122°F / -30°C - 50°C		

PART NUMBER

Part No.	Output Signal	Protocol	Weight Approx.(lb/kg)
DGB-DM2507B.....	RS-232.....	Modbus RTU.....	0.09/0.04
DGB-DM2508B.....	RS-485.....	Modbus RTU.....	0.09/0.04
DGB-DC2508B.....	CAN Bus.....	CANOpen.....	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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