

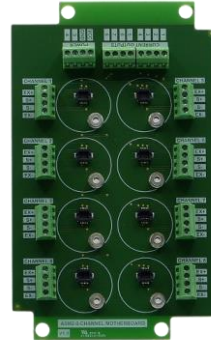


Multi-Channel Motherboard ASM2-8 8x AS1332B Amplifiers

The ASM2-8 is a motherboard designed to integrate up to eight AS1332B 3-wire amplifier boards (configured for 4-20mA current-output*), allowing multiple transducer processing. Use with an half-bridge strain-gauge is possible (please contact us for further details). Transducer wires can be easily clamped onto the board. Optional features include a rugged aluminium enclosure offering IP66 protection.

Features

- Common power supply rail
- Individual current outputs
- Accommodates 8 AS1332B amplifiers
- Half-bridge configuration possible
- Size 68 x 113 x 17 mm (LxBxH)
- Optional aluminium enclosure (IP 66)



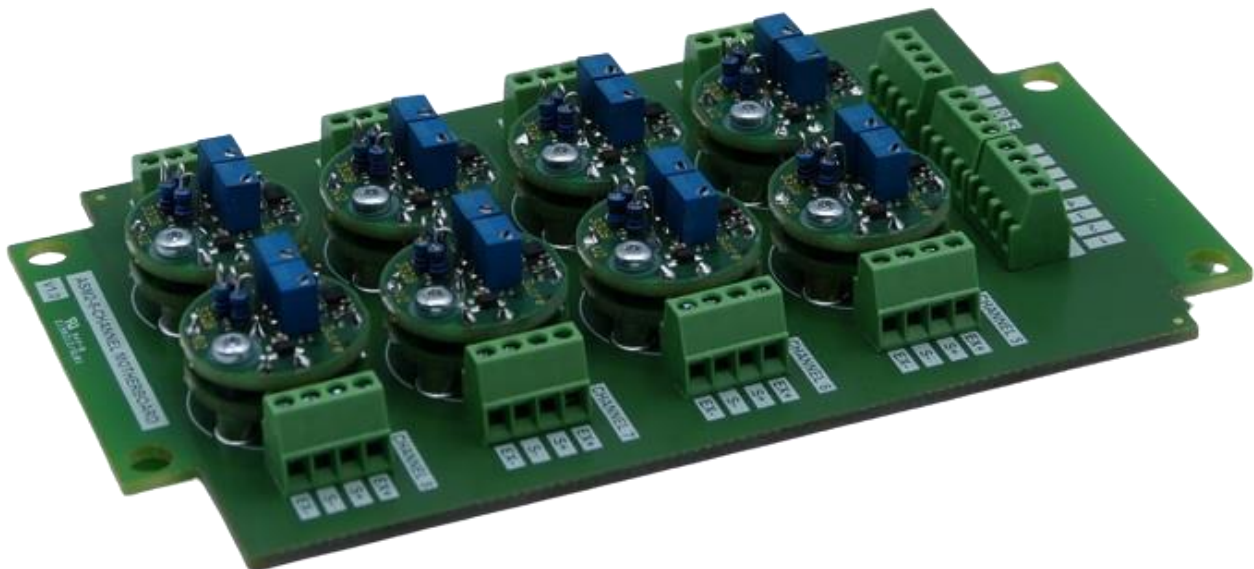
Applications

- Multiple transducer processing

Ordering

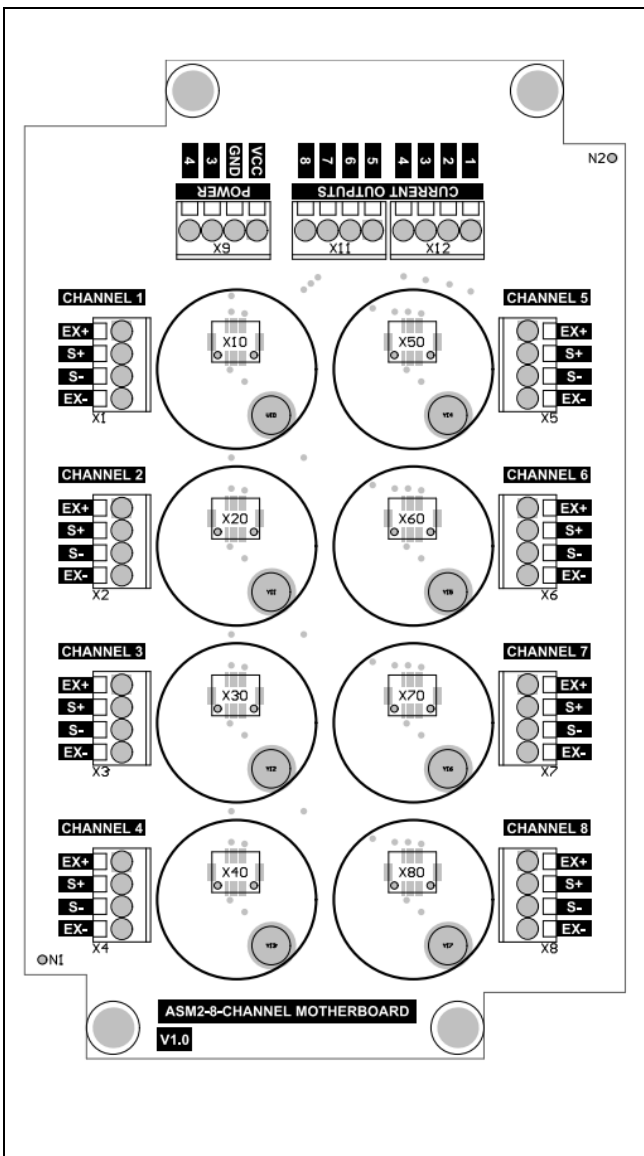
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|--|---------------|
| Part number: | ASM2-8 |
| Customer specific electrical / mechanical changes are possible – please contact us with your individual requirements. | |

Example Populated Board



Installation:

| Function | Connector | Description |
|--------------------------------------|-----------|--|
| Power Supply Input | X9 | VCC, GND |
| Load-cell / Strain-gauge transducers | X1 - X8 | EX+ sensor "+" excitation voltage S+ sensor "+" output S- sensor "-" output EX- sensor "-" excitation voltage |
| Current Outputs | X11 - X12 | Channels 1 - 8 |
| Amplifiers | X10 - X80 | Amplifiers 1 - 8 |

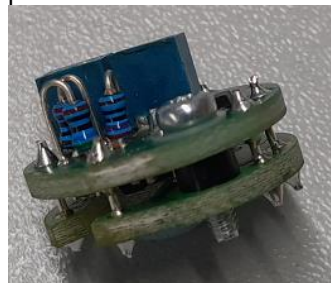


Example of connecting Channel 1



All connectors accept solid or stranded wire, size 30 - 18 AWG (0.0509 – 0.823 mm²). For optimal results, a ferrule is typically used with stranded wire, as shown above.

The AS1332B amplifier is mounted onto an adaptor which is then mounted on connector X10 – X80 and mechanically fixed into position using a M2x8mm torx screw, including M2 plastic washer.



*The AS1332B amplifiers are pre-configured for 2mV/V, 4-20mA current output. Please contact us before ordering if a different configuration is required.



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| Part number: | ASM2-8 +ENCL1 | Aluminum IP66 Enclosure for ASM2-8 incl. cable glands (8x PG7, 1x PG12) |
|---------------------|----------------------|--|

Coming soon