



## Multi-Channel Motherboard ASM2-8 8x AS1332B Amplifiers

The ASM2-8 is a motherboard designed to integrate up to eight AS1332B 3-wire 18mm ultra miniature circular amplifier boards, allowing multiple transducer processing. 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
- Accomodates max. 8 AS1332B amplifiers
- Size 68mm x 113mm x 17 mm height
- Optional aluminium enclosure (IP 66)
- 3D Step model available on request



picture shows motherboard with 6 amplifiers

### Applications

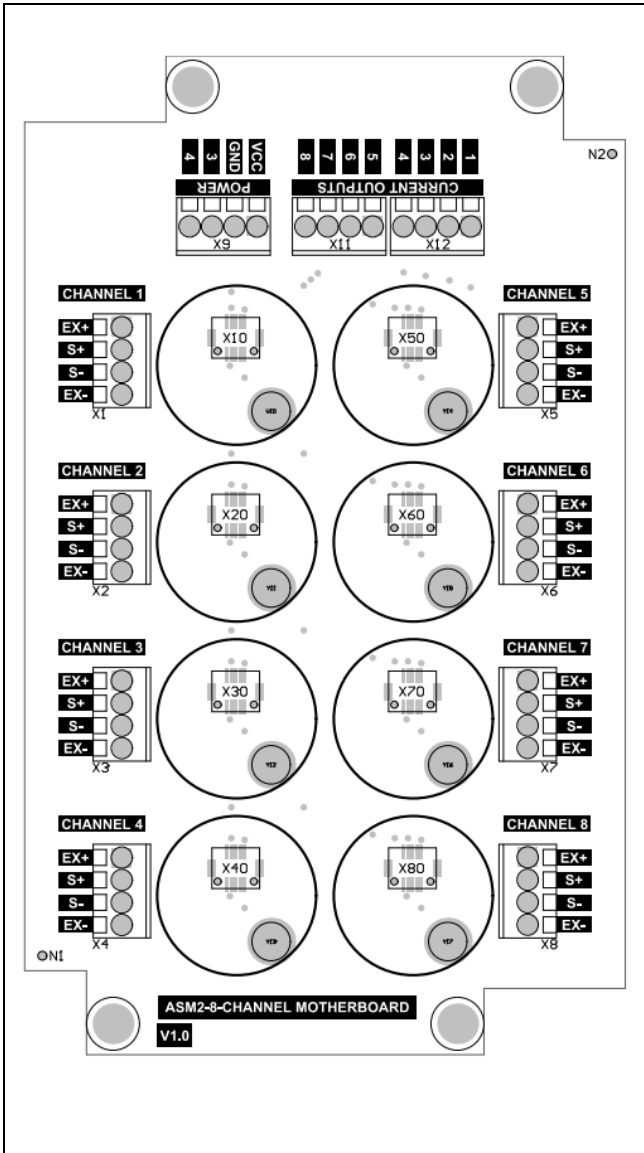
- Multiple transducer processing

### Ordering

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

### 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 mm<sup>2</sup>). 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.

