



Image 1: Power Shift Module

- Amplifier gain: 505 times
- Power Supply
- Output Voltage: 0,5 – 4,5 V

General

The Power Shift Module is a product intended to amplify the charge cell signal to transform its output into a signal between 0.5 and 4.5 volts. This product allows the use of strain gauge on the gearshift lever for quick shifting.

Technical Specifications

Electrical characteristics

- Voltage supply: 7 – 20 V
- Load Cell Supply: 5 V
- Output voltage: 0,5 – 4,5 V
- Power consumption: Less than 5 mA + (load cell consumption)

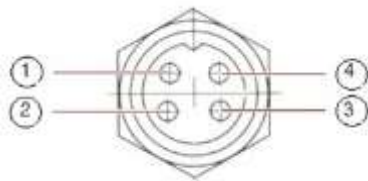


Image 2: 4-Way MIKE connector

Pin	Function
1	GND
2	Sensor -
3	Sensor +
4	5 V

Mechanical characteristics

- MIKE connectors (4-way: load cell, 5-way: supply and output signal)
- Dimensions: 67 x 42,5 x 29 mm
- Weight: 84g

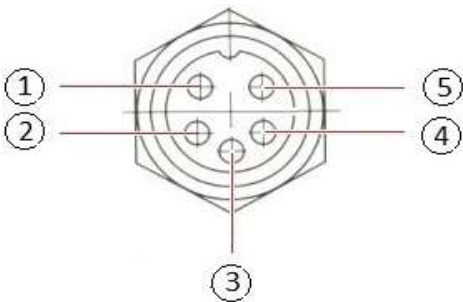


Image 3: 5-Way MIKE connector

Pin	Function
1	12 V
2	-
3	GND
4	-
5	Output