

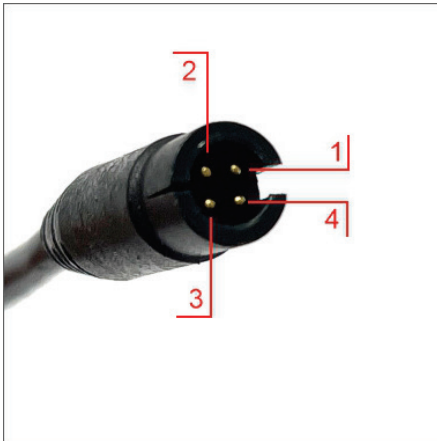
AiM Infotech

AiM 0-150 PSI
Pressure sensor

Release 1.04



The sensor end with a 4 pins Binder 719 male connector. Here below the connector view – sensor side on the left and device side on the right – are shown; while in the following table is connector pinout.



Binder connector pin	Function	Cable colour
1	Pressure signal 1-5V	White
2	GND	Black
3	Power 10-30V	Red
4	Not connected	–

The table below shows 0-150 PSI (0-10 Bar) pressure sensor technical characteristics.

Technical characteristic	Value
Supply	8-16V
Accuracy	< ± - 0.5% FS (CLNH – combined non-linearity and hysteresis)
Output signal	From 0.5V to 4.5V
Characterisation	500 mV/0 PSI 4500 mV/150
Consumption	< 10mA
Working range	From –20°C to 135°C
Waterproof	IP66
Housing	316 stainless steel
Weight	30g
Cable length	500mm
Thread	1/8 NPT

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Extension cables

The sensor is sold with a 50 cm cable. Standard lengths extension cables are available as optional and their part numbers change according to their length and to the device the sensor is to be connected to.

Extension cable for connection with:

- MXS 1.2/MXP/MXG 1.2
- MXS 1.2 Strada/MXP Strada/MXG 1.2 Strada
- MXS/MXL2/MXG
- MXS Strada
- MXm
- EVO5



Part numbers:

- V02PCB05B** – cable length: 500mm
- V02PCB10B** – cable length: 1000mm
- V02PCB15B** – cable length: 1500mm
- V02PCB20B** – cable length: 2000mm
- V02PCB25B** – cable length: 2500mm
- V02PCB30B** – cable length: 3000mm

Extension cable for connection with:

- Channel Expansion
- EVO4
- EVO4S.

Part numbers:

- V02PCB05BTXG** – cable length: 500mm
- V02PCB10BTXG** – cable length: 1000mm
- V02PCB15BTXG** – cable length: 1500mm
- V02PCB20BTXG** – cable length: 2000mm
- V02PCB25BTXG** – cable length: 2500mm
- V02PCB30BTXG** – cable length: 3000mm

