

## AiM pressure sensor 0-5 bar

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AiM 0-5bar pressure sensor is suitable for oil, fuel and water pressure reading, being able to read pressures up to 5 bars.

The sensor is sold with two different threads, whose **part number** is:

- 0-5 bar M10 **X05PSA00005B10K**
- 0-5 bar 3/8 24 **X05PSA00005B38K**

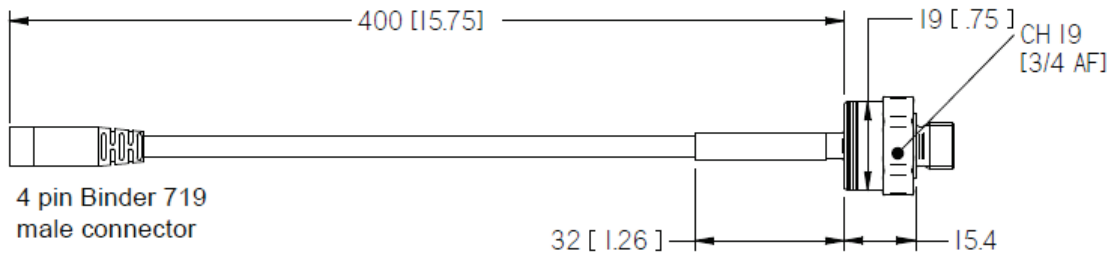


## Technical characteristics

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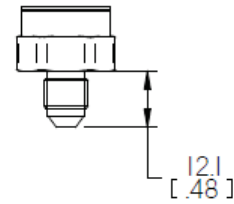
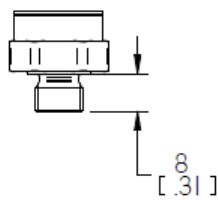
Supply	8-16 V
Accuracy	< +/- 0.5% FS (CLNH – combined non-linearity and hysteresis)
Characterisation	500 mV/ 0 bar 4500 mV/ 5 bar
Consumption	< 10 mA
Temperature working range	from -20°C to 135°C
Sealing	IP66
Housing	316 stainless steel
Weight	30 g
Cable length	400 mm
Thread	M10 – 3/8 24

## Drawings and pinout

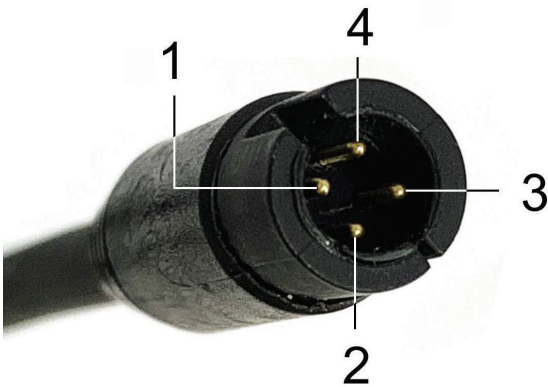


M10x1

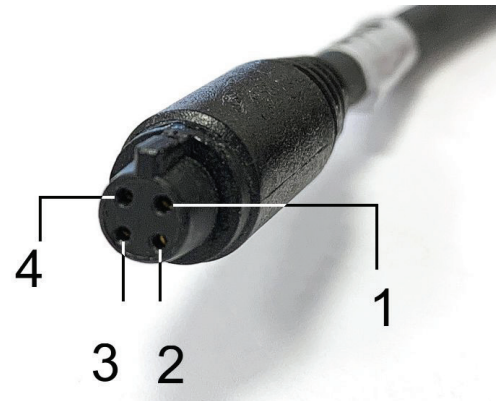
3/8 24 dash3



**Binder connector – Sensor side**



**Binder connector – Harness side**



**Pin**

- 1
- 2
- 3
- 4

**Function**

- Analog signal
- GND
- +Vb
- Not connected

**Cable color**

- White
- Black
- Red

## Extension cables

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For this sensor connection, standard length extension cables are available, whose part number changes according to their length and to the product the sensor is to be connected to.

Extension cable for connection to:

- MXG/MXG 1.2/MXG 1.2 Strada
- MXS/MXS 1.2/MXS Strada/MXS 1.2 Strada
- MXP/MXP Strada
- MXL2
- MXm
- EVO5
- MXL Strada/Pista/Pro05

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 to:

- 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

