

## AiM pressure sensor 0-300 PSI

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AiM 0-300 PSI pressure sensor is suitable for brake pressure reading, being able to read pressures up to 300 PSI.

The sensor **part number** is:

- 0-300 PSI 1/8 NPT **X05PSA00300P18**

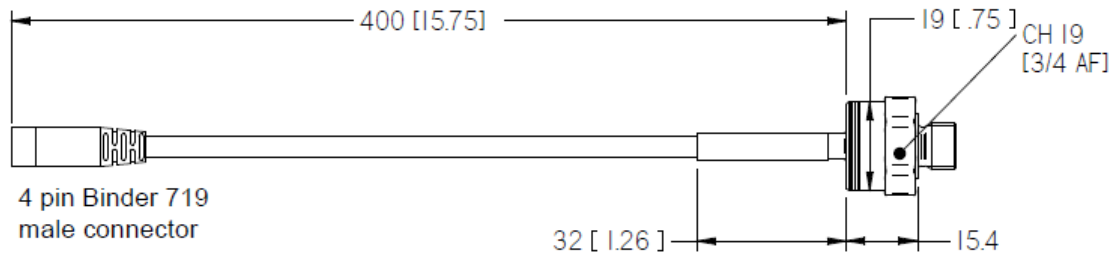


## Technical characteristics

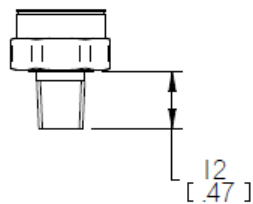
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Supply	8-16 V
Accuracy	< +/- 0.5% FS (CLNH – combined non-linearity and hysteresis)
Characterisation	500 mV/ 0 PSI 4500 mV/ 300 PSI
Consumption	< 10 mA
Temperature working range	from -20°C to 135°C
Sealing	IP66
Housing	316 stainless steel
Weight	30 g
Cable length	400 mm
Thread	1/8 NPT

## Drawings and pinouts



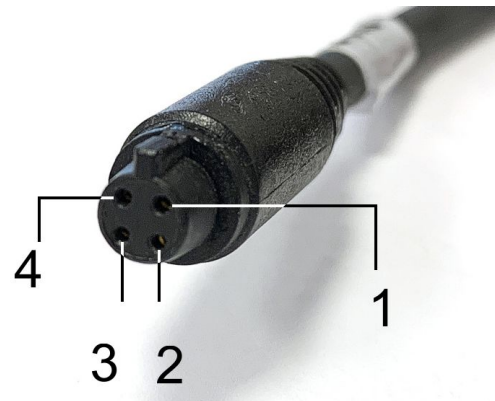
1/8 NPT



**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

For this sensor connector, 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

