

AiM pressure sensor 0-2000 PSI

AiM 0-2000 PSI pressure sensor is suitable for brake pressure reading, being able to read pressures up to 2000 PSI.

The sensor **part number** is:

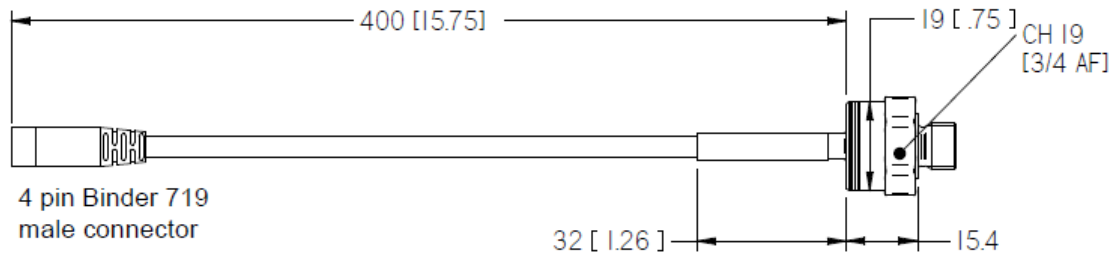
- 0-2000 PSI 1/8 NPT **X05PSA02000P18**



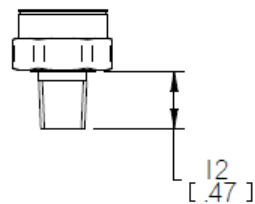
Technical characteristics

Supply	8-16 V
Accuracy	< +/- 0.5% FS (CLNH – combined non-linearity and hysteresis)
Characterisation	500 mV/ 0 PSI 4500 mV/ 2000 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



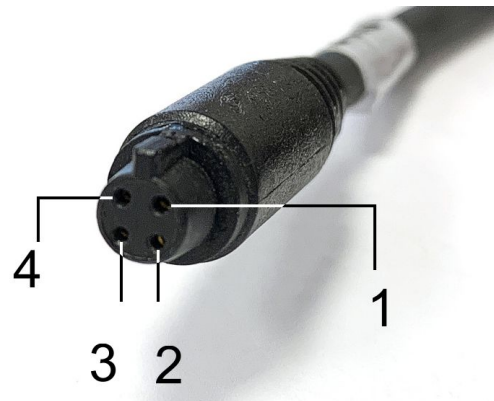
1/8 NPT



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

