AiM pressure sensor 0-50 PSI

AiM 0-50 PSI pressure sensor is suitable for oil, fuel and water pressure reading, being able to read pressures up to 50 PSI.
The sensor **part number** is:

- 0-50 PSI 1/8 NPT   **X05PSA00050P18**

Technical characteristics

Supply	8-16 V
Accuracy	< +/- 0.5% FS (CLNH – combined non-linearity and hysteresis)
Characterisation	500 mV/ 0 PSI 4500 mV/ 50 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

400 [15.75] 19 [.75] CH 19 [3/4 AF]

4 pin Binder 719 male connector

32 [1.26] 15.4

1/8 NPT

12 [.47]
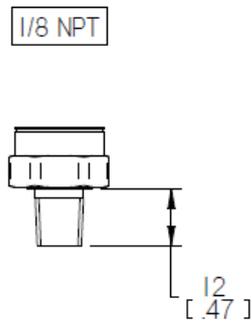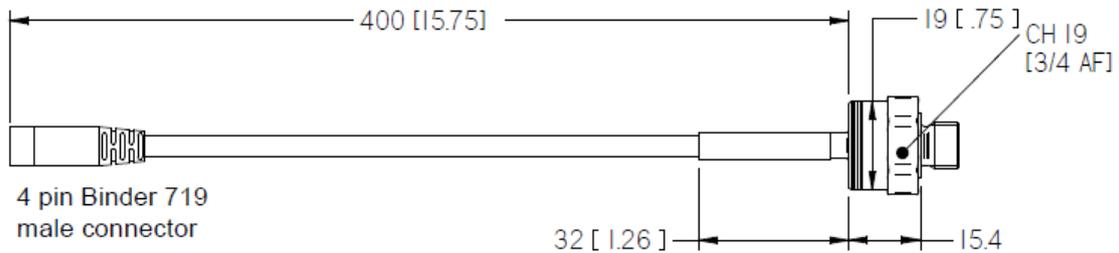
Binder connector – Sensor side

Binder connector – Harness side
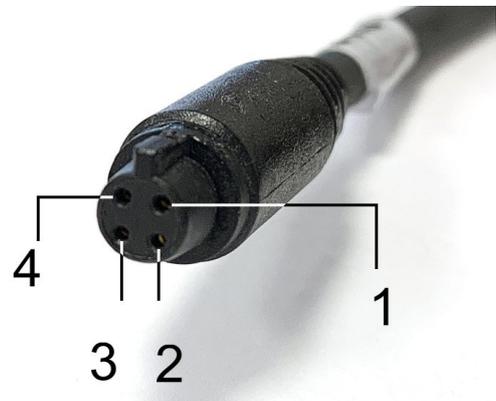
Pin	Function	Cable color
1	Analog signal	White
2	GND	Black
3	+Vb	Red
4	Not connected	

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