AiM pressure sensor 0-160 bar

AiM 0-160 bar pressure sensor is suitable for brake pressure reading, being able to read pressures up to 160 bars.
The sensor is sold with two different threads, whose **part number** is:

- 0-160 bar M10   **X05PSA00160B10**
- 0-160 bar 3/8 24   **X05PSA00160B38**
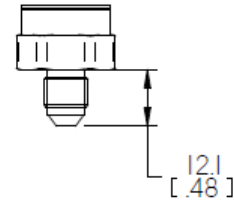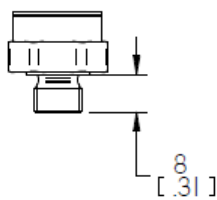
Technical characteristics

Supply	8-16 V
Accuracy	< +/- 0.5% FS (CLNH – combined non-linearity and hysteresis)
Characterisation	500 mV/ 0 bar 4500 mV/ 160 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
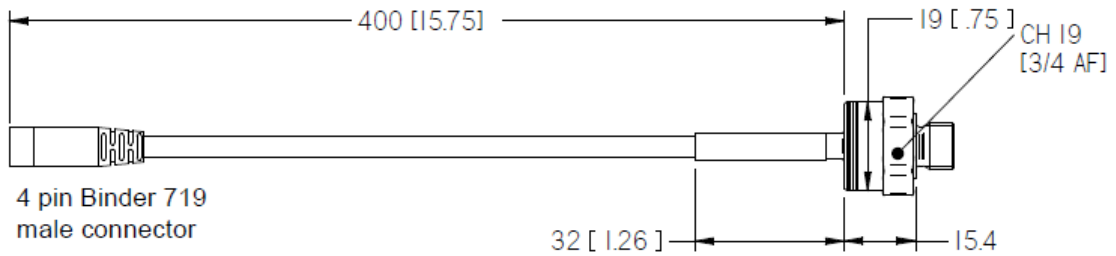
Binder connector – Sensor side
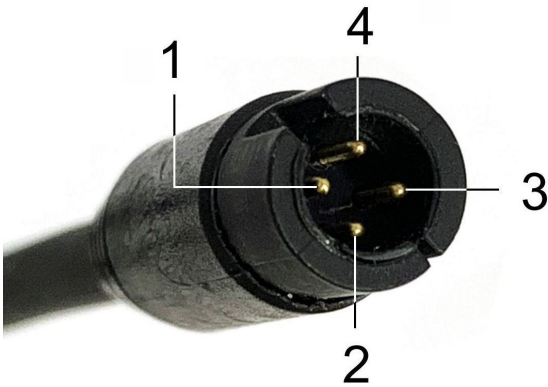
Binder connector – Harness side
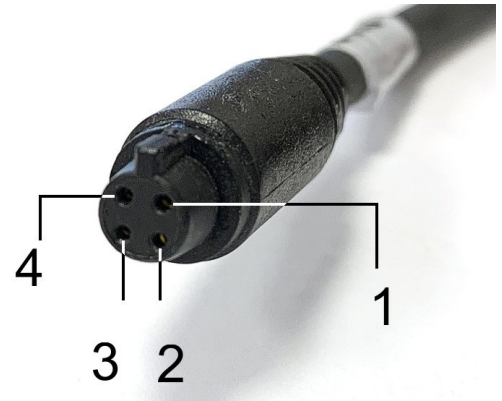
Pin	Function	Cable color
1	Analog signal	White
2	GND	Black
3	+Vb	Red
4	Not connected	

Extension cables

For this sensor 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