



## AiM car/bike combined temperature and pressure sensors

AiM designed and developed new sensors that can sample and record two measurement at one time: pressure and temperature and are available with different threads, ending with a 4 pins Binder 719 (plastic) male connector or free wires. Here below the are all listed with the related **part numbers**.

Pressure range	Thread	Binder 719	Free wires	Part number
0-5 Bar	M10X1		✓	<b>X05PSTA00005B10FW</b>
0-10 Bar	M10X1		✓	<b>X05PSTA00010B10FW</b>
0-100 Bar	M10X1		✓	<b>X05PSTA00100B10FW</b>
0-160 Bar	M10X1		✓	<b>X05PSTA00160B10FW</b>
0-150 PSI	M10X1		✓	<b>X05PSTA00150B10FW</b>
0-15 PSI	1/8 NPT		✓	<b>X05PSTA00015P18FW</b>
0-50 PSI	1/8 NPT		✓	<b>X05PSTA00050P18FW</b>
0-150 PSI	1/8 NPT		✓	<b>X05PSTA00150P18FW</b>
0-300 PSI	1/8 NPT		✓	<b>X05PSTA00300P18FW</b>
0-2000 PSI	1/8 NPT		✓	<b>X05PSTA02000P18FW</b>
0-5 Bar	1/8 NPT		✓	<b>X05PSTA00005B18FW</b>
0-10 Bar	1/8 NPT		✓	<b>X05PSTA00010B18FW</b>
0-160 Bar	1/8 NPT		✓	<b>X05PSTA00160B18FW</b>
0-5 Bar	3/8 24		✓	<b>X05PSTA00005B38FW</b>
0-10 Bar	3/8 24		✓	<b>X05PSTA00010B38FW</b>
0-100 Bar	3/8 24		✓	<b>X05PSTA00100B38FW</b>
0-160 Bar	3/8 24		✓	<b>X05PSTA00160B38FW</b>



Pressure range	Thread	Binder 719	Free wires	Part number
0-5 Bar	M10X1	✓		X05PSTA00005B10AP
0-10 Bar	M10X1	✓		X05PSTA00010B10AP
0-100 Bar	M10X1	✓		X05PSTA00100B10AP
0-160 Bar	M10X1	✓		X05PSTA00160B10AP
0-150 PSI	M10X1	✓		X05PSTA00150B10AP
0-15 PSI	1/8 NPT	✓		X05PSTA00015P18AP
0-50 PSI	1/8 NPT	✓		X05PSTA00050P18AP
0-150 PSI	1/8 NPT	✓		X05PSTA00150P18AP
0-300 PSI	1/8 NPT	✓		X05PSTA00300P18AP
0-2000 PSI	1/8 NPT	✓		X05PSTA02000P18AP
0-5 Bar	1/8 NPT	✓		X05PSTA00005B18AP
0-10 Bar	1/8 NPT	✓		X05PSTA00010B18AP
0-160 Bar	1/8 NPT	✓		X05PSTA00160B18AP
0-5 Bar	3/8 24	✓		X05PSTA00005B38AP
0-10 Bar	3/8 24	✓		X05PSTA00010B38AP
0-100 Bar	3/8 24	✓		X05PSTA00100B38AP
0-160 Bar	3/8 24	✓		X05PSTA00160B38AP
0-5 Bar Absolute	M10X1		✓	X05PSTA00005B10FWAB
0-5 Bar Absolute	1/8 NPT		✓	X05PSTA00005B18FWAB
0-50 PSI Absolute	1/8 NPT		✓	X05PSTA00050P18FWAB
0-5 Bar Absolute	3/8 24		✓	X05PSTA00005B38FWAB
0-50 PSI Absolute	3/8 24		✓	X05PSTA00050P38FWAB



Pressure range	Thread	Binder 719	Free wires	Part number
0-5 Bar Absolute	M10X1	✓		<b>X05PSTA00005B10APAB</b>
0-5 Bar Absolute	1/8 NPT	✓		<b>X05PSTA00005B18APAB</b>
0-50 PSI Absolute	1/8 NPT	✓		<b>X05PSTA00050P18APAB</b>
0-5 Bar Absolute	3/8 24	✓		<b>X05PSTA00005B38APAB</b>
0-50 PSI Absolute	3/8 24	✓		<b>X05PSTA00050P38APAB</b>

The sensor features a splitted cable to which the two sensors (thermos-resistor for temperature and pressure sensor) are connected and is available with different threads:

- M10X1
- 1/8 NPT
- 3/8 24

**Please note** that buying a free wire sensor you are declaring you know how it has to be connected to AiM devices; in case this is not please buy a cabled sensor.