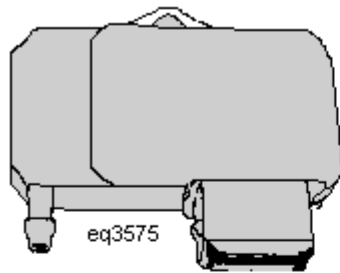


**Peugeot 405 1.8 Cat 1992 to 96 (Motronic MP5.1)**  
**Manifold Absolute Pressure (MAP) sensor voltage measurements**



Terminal numbers			Volts
MAP	ECU	Item	
<b>Ignition on</b>			
1	12	reference voltage	5.0 ± 0.5
2	26	sensor return	0.25 max
3	7	signal voltage	<a href="#">MAP table</a>

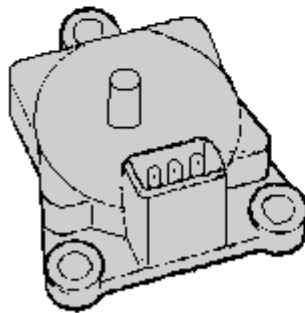
**MAP voltage table (Signal terminal 3)**

**Condition:** engine stopped, vacuum applied with pump

Vacuum applied	Volts	MAP (bar)	
zero	4.3 to 4.9	1.0 ± 0.1	
200 mm Hg	3.2	0.8	
400 mm Hg	2.2	0.6	
500 mm Hg	1.2 to 2.0	0.5	
600 mm Hg	1.0	0.4	
Condition	Volts*	MAP (bar)	Vacuum (bar)
WOT	4.35	1.0 ± 0.1	zero
ignition on	4.35	1.0 ± 0.1	zero
Idle speed	1.5	0.28 to 0.55	0.72 to 0.45
deceleration		0.20 to 0.25	0.80 to 0.75

\* approximate voltage

**Peugeot (MM G5 SPi - DIS) MAP sensor voltage measurements**



terminal numbers			Volts
MAP	ECU	Item	
<b>ignition on/ running</b>			
2	9	supply voltage	5.0 ± 0.1
1	12	sensor return	0.25 max
3	27	signal voltage	<a href="#">MAP table</a>

**MAP voltage table (Signal terminal 3)**

**Condition:** engine stopped

Vacuum applied	Volts	MAP
zero	3.3 to 3.9	1.0 ± 0.1 bar
100 mm Hg	2.8 to 3.6	
200 mm Hg	2.4 to 3.2	
300 mm Hg	2.0 to 2.8	
400 mm Hg	1.6 to 2.4	
500 mm Hg	1.2 to 2.0	0.5 bar
Condition	Volts	MAP
WOT/ignition on	3.3 to 3.9	0.9 to 1.1 bar
Idle speed	1.5 approx	0.40 to 0.60 bar
overrun (deceleration)		0.05 to 0.10 bar

**MAP sensor type** analogue 3 wire type