

## MULTIPLA 1.6 16v METHANE TEMPERATURE AND PRESSURE SENSOR CHECK 1058OF (BIPOWER, BIPOWER)

**Valid for versions with:BIPOWER**

### PRESSURE SENSOR CHECK

- The electrical check is carried out by placing a bridge between the sensor and the connector and measuring the output signal using a voltmeter.
- With the diagnostic equipment in the "Voltmeter" function, check, with the ignition ON, that the supply voltage between pin 4 of the pressure sensor and earth is around 5 V.
- Check that the voltage between pin 2 and earth is 3.5V at a pressure of about 10 bar.
- Check that the voltage between pin 2 and earth is 0.5V at a pressure below 1 bar.

### TEMPERATURE SENSOR CHECK

- Disconnect the methane temperature/pressure sensor connector.
- Connect to the diagnostic equipment in the Ohmmeter function.
- Connect the diagnostic equipment probes between pins 1 and 3 of the sensor and measure the resistance proportional to the temperature of the gas as set out in the enclosed table.

NOMINAL RESISTANCE (Ohm)	TEMPERATURE (°C)
167835	-40
48487	-20
16325	0
6246	20
2662	40
1243	60
628	80
339	100
194	120
117	140

