



Installation instructions

Integrated measuring unit PS-02 PLUS



E8 67R-01 5293
110R-01 5294

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**Technical specification:**

Temperature operating range [°C]	-40 ÷ +125
Pressure range [bar]	0 ÷ 6,75
MAP range [bar]	0 ÷ 2,00
Pressure tee hose [mm]	Ø 12
MAP hose [mm]	Ø 4
Overall dimensions [mm]	30 x 59 x 86
Weight [g]	45

Application:

Measuring unit PS-02 Plus is designed for the installation of gas injection LPG (propane-butane) and CNG (natural gas). The device performs a measurement of gas pressure, a vacuum in the intake manifold and the temperature of the gas in the gas circuit.

The PS-02 Plus sensor transmits to the gas injection controller signals that are helpful signals to properly regulate the composition of the gas-air mixture.

Installation:

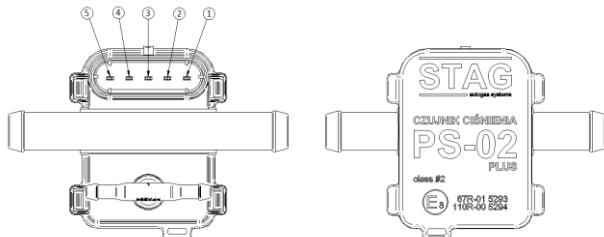
It is recommended that the installation of the PS-02 Plus sensor, in the gas track, as close as possible to the injector. The smaller the distance from the injector, the lower the response inertia to change the gas temperature.



Tee of the gas track is designed to the rubber hose with a nominal inside diameter of \varnothing 12 mm. Manifold vacuum connector (MAP) is adapted to the rubber hose with a nominal internal diameter \varnothing 4 mm.

After mounting, check the tightness of connections.

Description of the signals on the output pins:



1. Supply + 12V
2. Temperature
3. Pressure
4. MAP
5. GND