

COMFORT *line*

STELLA
POLARE

Creating new standards

Intelligent auto calibration

Diagnostic option



4th generation sequential gas injection system

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ELPIGAZ
AUTOMOTIVE



COMFORT *line*

STELLA
POLARE

Stella POLARE is advanced sequential gas injection offered by Elpigaz.

It belongs to **COMFORTline** group, which guarantees high technologically advanced products at a reasonable price.

PRODUCT APPLICATION

Stella POLARE is dedicated to 2, 3 and 4 cylinders multipoint injection turbo engines or naturally aspirated engines, from 20 to 250 HP, powered by LPG/CNG gas.

PRODUCT ADVANTAGES

- ✓ Equipped with all necessary sensors:
 - reducer temperature sensor
 - serial PT MAP sensor: gas pressure and temperature sensor, and engine load sensor
- ✓ Simple installation and connection
- ✓ Complete gas system diagnostic
- ✓ Wireless PC connection
- ✓ Patented petrol injectors emulation (AEB)
- ✓ Intelligent calibration in actual work time
 - automatic choice of characteristics of engine run on gas, based on actual petrol injection map registered during test drive
- ✓ Engine protection against running on lean gas mixtures
- ✓ Downloading necessary signals from injectors and sensors
- ✓ Equal driving parameters on gas as on petrol



RECOMMENDED COMPLETION

Drago and Vega-i reducers

- ✓ providing the lowest gas consumption
- ✓ fast switching from petrol to gas

Rosso and I-Plus Arco injectors

- ✓ even and precise dosage
- ✓ inexpensive and easy service

Hit and MoreMo tanks

- ✓ wide range of sizes
- ✓ lower weight and quick fitting

Tanks equipment - MVA Elpigaz AT02

- ✓ mounting in various positions (lying, hanging, standing)
- ✓ easy assembly



TECHNICAL PARAMETERS

- ✓ Supply voltage: $V_{batt} = 9 \div 16V$
- ✓ Operating temperature: $-40 \div 105^{\circ}C$
- ✓ Current absorption with the actuators disabled: $I_{max} \leq 0.5A$
- ✓ Current absorption in standby mode: $I_{standby} \leq 0.5mA$
- ✓ Injectors: $I_{max} = 6A$, $V_{batt, max} = 16V$
- ✓ Gasvalves (2 outputs):
 - $P_{max} = 50W$, $I_{max} = 4A$ (common output)
 - $P_{max} = 25W$, $I_{max} = 2A$ (separate outputs)
 - Gaspressure: $P_{max} = 4,5 \text{ Bar}$

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