



## **Installation instructions and warranty card**

### **CNG reducer type R14**



E8 R110-007063

04.02.2015

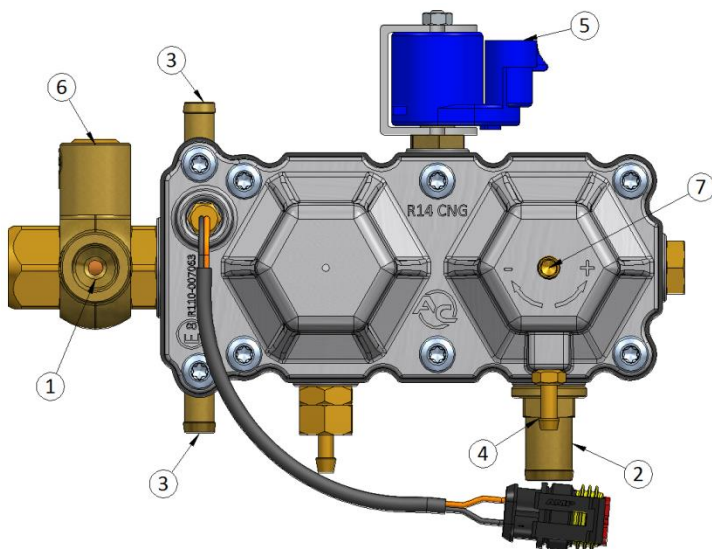


**AC S.A.**

15-181 Białystok, ul. 42 Pułku Piechoty 50

tel. +48 85 743 81 00, fax +48 85 653 93 83

[www.ac.com.pl](http://www.ac.com.pl) | [info@ac.com.pl](mailto:info@ac.com.pl)



### 1. Application:

CNG reducer type R14 is designed for vehicles adapted to run on compressed natural gas (CNG), equipped with sequential injection installation and engines up to 160 kW (220 HP).

### 2. Working parameters:

- idle pressure: 1.7 ÷ 2.4 bar
- working temperature range: -20 ÷ +120°C

### 3. Installation recommendations:

- inlet connection (1) should be tightened with a wrench and Morse' pliers, using cutting ring and a fitting nut supplied with the set
- outlet connection (2) is designed for rubber hose (fulfilling appropriate requirements) with nominal inside diameter of Ø 12 mm
- engine coolant connections (3) are designed for rubber hose (fulfilling appropriate requirements) with nominal inside diameter of Ø 8 mm
- manifold pressure connection (4) is designed for rubber hose (fulfilling appropriate requirements) with nominal inside diameter of Ø 4 mm
- solenoid valve coil (5) should be powered through AMP super seal plug supplied with the set

- use inlet connection (6) to mount pressure gauge; before doing so, remove sealing plug with a hex key #5
- reducer should be installed on a car using mounting bracket and M8 screws supplied with the set
- the connections should be checked for leaks after the installation

#### **4. Service recommendations:**

To assure durable and trouble-free performance, periodical checks are recommended.

#### **5. Outlet pressure regulation:**

- the pressure regulation should be done, if necessary, when the reducer is warmed up;
- to raise the pressure, turn regulation screw (7) counterclockwise (+);
- to lower the pressure, turn regulation screw (7) clockwise (-).