

The diagram illustrates the electrical and gas connections for a vehicle's gas conversion system. Key components and their connections include:

- Gas Conversion Unit:** The central component with four injectors (1, 2, 3, 4) and a gas valve. It is connected to a gas cylinder via a gas line and a gas valve.
- 12V Battery:** Labeled "Akumulator +12V". It provides power to the system.
- Gas Filter:** Labeled "Filtru gazu". It filters the gas before it enters the injectors.
- Injectors:** Labeled "wtryskiwacz benzyny" (fuel injector) and "wtryskiwacz LPG/CNG". They are connected to the gas lines and the 12V battery.
- Gas Valve:** Labeled "Elektrozawór gazowy". It controls the flow of gas into the engine.
- Sensors:**
 - Mapsensor BOSCH:** A pressure sensor that monitors the intake manifold pressure.
 - Podciśnienie kolektor:** A sensor that monitors the intake manifold vacuum.
 - Woda:** A sensor that monitors the water level in the gas cylinder.
 - Reduktor:** A pressure reducer that maintains a constant pressure in the gas line.
- Control Unit:** Labeled "Sterownik LPG/CNG". It receives signals from the sensors and controls the injectors and the gas valve.
- Wiring:** The diagram shows various colored wires (black, red, blue, green, yellow) connecting the components. A legend in the top right corner identifies the colors: b (biały - white), c (czarny - black), f (fioletowy - purple), k (czerwony - red), l (lazurowy - blue), n (niebieski - blue), o (brązowy - brown), p (pomarańczowy - orange), r (różowy - pink), s (szary - grey), t (zielony - green), z (żółty - yellow).

Rys. 1 Schemat połączenia