

CHARACTERISTICS

S2007 is designed to control the engine speed ensuring a fast and precise performance even during transient load. The regulator is placed inside a plastic container and submerged in resin thus ensuring maximum resistance against engine vibrations and a reliability over time. The regulator is equipped with a display where parameters can be easily seen. The buttons placed on the side and below the display allow to scroll the parameters menu and set the ones required.

CONNECTORS DESCRIPTION

CN3

1. - Actuator
2. + Actuator
3. - Battery (COM=GND)
4. + Battery (12÷24Vdc)
5. Auxiliary output (Solenoid valve)
6. PICK-UP +
7. PICK-UP -
8. UP (COM=GND)
9. DOWN (COM=GND)
10. IDLE (COM=GND)

CN2

1. CAN-BUS

CN4

1. RS 232

CN5

1. Digital input (COM=GND)
2. Digital input (COM=GND)
3. GND
4. Analogue input 0÷10V
5. Available power +10V (20mA)
6. Analogue input 4÷20mA
7. Analogue input -5÷5V
8. GND/COM

PIC. 1: Operating diagram for speed controller type S2007.

