ACT-2 Air conditioning valve tester

TEXT_PRODUCTS_NAMEACT-2 Air conditioning valve tester

Manufacturer : -

Catalog No. : -

Today, almost every car is equipped with an air conditioning system. AC systems have become an active factor in driving safety, and can be considered as safety technology. Air conditioning system, like others, requires periodic maintenance and skillful diagnosis in case of malfunction. While design and operation of older systems is generally known, new solutions require more knowledge.
When there was a problem with system performance, or cooling system failed to operate at all, the first step was to check compressor drive, which was transferred by electromagnetic clutch. It was easy to check by means of ordinary multimeter capable of measuring coil resistance.
Newer air conditioning systems have compressor permanently connected to engine that operates as long as engine is running. In these systems air conditioning is controlled by special valve that increases or inhibits cooling intensity. How to check such compressor? Natural and safe solution is to use a dedicated device, ACT-2.
ACT-2 tester enables you to diagnose the following types of air conditioning compressors:
- electromagnetic clutch controlled compressor allows for electromagnetic clutch checkout,
- clutchless compressor - allows for checking of electromagnetic control valve.

The device can be used both on the test bench and directly in a car.

Tester specifications:

Supply voltage
DC, ranged of 12 ... 15V

Current draw
70 mA (consumed by the tester itself without load)

Control signal generator

   Frequency range
20Hz - 1000Hz

   Frequency adjustment accuracy
1Hz

   Output amplitude
0V up to supply voltage

ACT-2 Air conditioning valve tester

   Type of control
ground switching and power supply switching

   Duty cycle range
0% ... 100%

   Duty cycle accuracy
0.1%

   Number of outputs
2

Control signal measurement

   Frequency range
20Hz ... 1000Hz

   Input signal amplitude
0V up to supply voltage

   Threshold level
2.5V

Protection

   Over-voltage
supply over 18V

   Over-current
built-in output short circuit protection and fuse (6.3A)

Price : 998.00EUR

Availability: This product was added to our catalog on Thursday 19 July, 2018