

## Test Values for A. F. C. Fuel Injection System – Type 928

Test performed on disconnected control unit multiple-pin plug.  
Testing equipment: high quality voltmeter and ohmmeter.

All resistance test values apply at 20 °C (68 °F) ambient temperature.

Ohmmeter at Terminals	Test Values	Components
Term. 5 + term. 13	2–3 k-ohms	Temperature sensor II
Term. 2 + term. 18	0 ohms <sup>1)</sup>	Idle microswitch A
Term. 2 + term. 18	ohms <sup>2)</sup>	Idle microswitch A
Term. 3 + term. 18	ohms <sup>3)</sup>	Full throttle microswitch B
Term. 3 + term. 18	0 ohms <sup>4)</sup>	Full throttle microswitch B
Term. 6 + term. 9	200–400 ohms	Air flow sensor
Term. 6 + term. 8	130–260 ohms	Air flow sensor
Term. 8 + term. 9	70–140 ohms	Air flow sensor
Term. 6 + term. 7	40–300 ohms	Air flow sensor
Term. 7 + term. 8	100–500 ohms	Air flow sensor
Term. 27 + term. 6	2–3 k-ohms	Air flow sensor/temp. sensor I
Term. 10 + term. 15	1–1.5 ohms <sup>5)</sup>	Fuel injectors 1 + 5
Term. 10 + term. 14	1–1.5 ohms <sup>5)</sup>	Fuel injectors 4 + 8
Term. 10 + term. 32	1–1.5 ohms <sup>5)</sup>	Fuel injectors 3 + 7
Term. 10 + term. 33	1–1.5 ohms <sup>5)</sup>	Fuel injectors 2 + 6
Term. 16 + ground	0 ohms	Ground (camshaft housing)
Term. 17 + ground	0 ohms	Ground (camshaft housing)
Term. 35 + ground	0 ohms	Ground (camshaft housing)
Term. 5 + ground	0 ohms	Ground (camshaft housing)

Voltmeter at Terminals	Test Values	Comments
Term. 1 + ground	ca. 1 volt	Ignition turned on
Term. 10 + ground	ca. 12 volts	Ignition turned on
Term. 29 + ground	ca. 12 volts	Ignition turned on
Term. 4 + ground	min. 8 volts	Starter activated
Term. 1 + ground	ca. 2.5 volts (reading varies)	Starter activated

1) Accelerator pedal released.

2) Accelerator pedal slightly depressed (throttle linkage play eliminated).

3) Accelerator pedal released.

4) Accelerator pedal depressed (until throttle open more than 30°).

5) 2–3 ohms for each fuel injector when checked separately.

Refer to Group 24 of Type 928 Repair Manual for other tests and adjustments on A. F. C. Fuel Injection System.