RS-588 Alcohol sensor

RS-588 Vehicle Breathalyzer is a device used to test the concentration of alcohol from the exhaled air by a person. It features a simple IID (Ignition Interlock Device) that allows control of each ignition, prohibiting the start of vehicle if the driver is intoxicated. The device also prevents cheating if the driver uses a balloon or compressed air to blow. You can set it up with a password for date and time, alcohol limit and alcohol unit.

Applications

- Alcohol concentration level testing

- Access prevention

- Safety and security

Key Features

- Ignition blocking

- Blowing anti-fraud prevention

- Password setup

- Measurement data sending to software platforms

Compatibility

✔ HCV5	✔ LCV5	✔ Pro5	✔ FM-Eco4 RS T
✔ FM-Tco4 HCV	✔ FM-Tco4 LCV	✔ FM-Pro4	⊘ FM-Eco4 T ⊘ Trace5

Detailed specifications

Environmental specifications

Temperature range	-25 to +65 °C

Electrical specifications

Power supply range	9 - 39 V DC
Power supply voltage	12/24 V DC

Technical specifications

Accuracy	+/- 0.05‰ at 0.50‰ BAC
Test value indication range	0.000 - 4.000‰ BAC
Alcohol limit	0.01 - 0.09% (0.10 - 0.90‰; 0.05 - 0.45 mg/L)

Cable pinout

Wire colors	Description
Red	Power supply
Yellow	Starter in (connects to ignition wire)
Blue	Starter out (connects to ignition wire)
Black	Ground
Purple	RS232 connection (connects to FM device RS232 port TX cable)
Green	Digital (connects to FM device digital output)
Orange	PS2 connection (connects to IID-Camera (optional))

Interfaces

User interfaces	LCD display with backlight 3 x indication LEDs

Physical properties

Dimensions	140 x 55 x 34 mm
Weight	907 g

Ordering information

RS-588	Alcohol sensor with replaceable mouthpiece