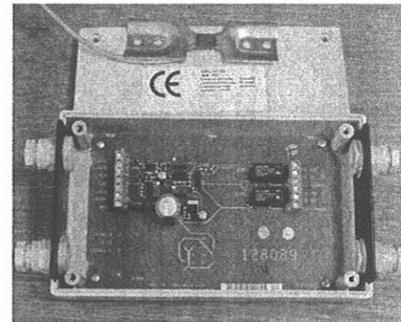




ELECTRONIC CAR LOAD SENSOR ECONOMIC

SPECIFICATIONS

Power	: 24 Volt DC (min.20Volt DC max. 30Volt DC)
Power consumption	: max. 250mA
Size controller box	: 197x110x57mm
Protection class	: IP54
Cable in/output	: 4x PG9
Output	: NC/NC (max. 24 Volt 1A). Threshold tuning with pot meter
Sensor	: load sensor
Use	: unit is applicable to every car load



Mounting

Mount the measuring unit on the car roof. Mount the sensor with 4 M6 bolts on a flat surface. Install the sensor, where the most torsion exist. The whole metal side is tangent plane. Base- and tangent plane load sensor have to be flat. Remove possible paint remainders.

Connection power to terminal;

- 4: GND
- 5: +24 Volt DC

In case of negative signal
Change between the red
and the black cables

Connection sensor to;

- 6: shield (shield)
- 7: exc - (black)
- 8: signal - (green)
- 9: signal + (white)
- 10: exc + (red)

Mounting tips!!
The sensor has to be
mounted on a grounded
frame.

80% Connection output 1 to terminal;

- 11: NO
- 12: NC
- 13: COMMON

110% Connection output 2 to terminal;

- 14: NO
- 15: NC
- 16: COMMON

Sensor adjustment

Switch the power on, and turn with the **ZERO** pot meter until the led **ZERO** lights up + add $\frac{1}{4}$ turn clockwise.

Output adjustment

To begin with the lowest load.

Output 1. (Terminal 11,12,13) 80% load (full load) inside the car, turn pot meter 80 % until led 1 will turn on.

Output 2. (Terminal 14,15,16) 110% load (overload) inside the car, turn pot meter 110% until led 2 will turn on.