

GPS distance sensor

If you own an old rally computer – Terratrip or TripX, which works only with external sensors it is now possible to use the advantages of the GPS systems with our new GPS Distance Sensor.

- It replaces the inductive sensor.
- No longer calculate distance when slipping
- Don't have to worry that you could break it (it is mounted in the cabin)
- Accurate distance measurement up to 1 m.
- Most important – Trip X support!

The device has two operating modes: *Work* and *Calibration*

Work:

When you turn on the device a red light starts blinking at intervals of 1 sec which is indication of regular working mode of the device. In 1 to 5 minutes a blue light will turn on – this is indication that the module is connected with the GPS network and it is positioned. The positioning time depends on the strength of the signal and the number and numbers of the satellites which are connected to the device (min.4).

When you start driving a green light start blinking at each meter. The speed of blinking depends on the speed of moving. With every blink of the green light an impulse is generated to the exit of the device (the white cable).

The device is with standard NPN exit and could be connected instead of any conventional inductive or HAL sensor without additional connectors.

Calibration:

Condition for accurate working of the device, you need to set a calibration digit 1000!

If you could not set manually a calibration digit, the device could simulate calibrating and generate 1000 impulses.

Press and hold the button for approximately 3 seconds. All of the three lights (red, green and blue) will turn on. Let go the button.

Start the calibration mode of your trip computer.

Press the button and the green light will start blinking and generate impulses to the computer. When it is generated 1000 impulses the green light will turn off. Now you should have 1000 impulses generated in the computer. (There could be difference of +/- 1 impulse depending if the impulses are calculated by rising or falling edge).

Save the data and exit the calibration mode of the computer. (If you don't have 1000 impulses generated, delete the data and start the calibration process from the beginning).

To exit the calibration regime of the sensor, press and hold the button for approximately 3 seconds again. All of the lights should turn off. Then the red light will star blinking. If the needed number of satellites are detected, the blue light will turn on.

The sensor is ready for work. You could start reading.

TripX wish you good luck along your way to victory!



State	Uz	LED
undamped	low	off
damped	high	on



WWW.TRIPX-BG.NET

