

Suchy Data Systems



xProGPS_nano

Speed Sensor and more ...



xpro[®]

High Performance Automotive Test Systems

xproGPS_nano - GPS-Speed Sensor which fits into any budget



Suchy Data Systems



Highest Sensivity and Lots of Features

Looking for a speed sensor which works even in areas with buildings, trees, bridges ... ???

xProGPS_nano shows a superior sensitivity – probably the best in the industry.

xProGPS_nano accesses both the GPS and the Russian GLONASS satellites. Sampling of 2 independ signal sources guarantees a better speed information – even at critically covered locations.

Looking for a speed sensor which also provides an internal Inertial Sensor and an Altimeter ???

xProGPS_nano includes an internal Inertial Sensor with high resolution 3-axis accelerometer and a 3-axis gyro. Use these data sets for basic vehicle dynamic tests.

As an option we provide a full sensor fusion between GPS and the IMU to compensate satellite drop-outs and to improve signal quality of the vehicle speed.

The barometric altimeter delivers high resolution altitude information – much more precise than what is available from GPS.

Looking for a GPS sensor with all standard interfaces ???

xProGPS_nano comes with CAN, COM, USB interface to send NMEA data sets to an external logger unit such as ZHE-PCI.

xProGPS_nano outputs speed information as analog voltage or pulse frequency to emulate conventional digital speed sensors.

A programmable switch is also included.

Looking for a speed sensor at a moderate price ???

You think GPS-Technology is costly ? With xProGPS_nano it is not. Get a superior signal quality and a 10 Hz data rate (20 Hz optional) at a fraction of costs which you would expect.

Available options:

local memory to convert xProGPS_nano into a stand-alone logger.

In conjunction with the xPro_Mon display unit:

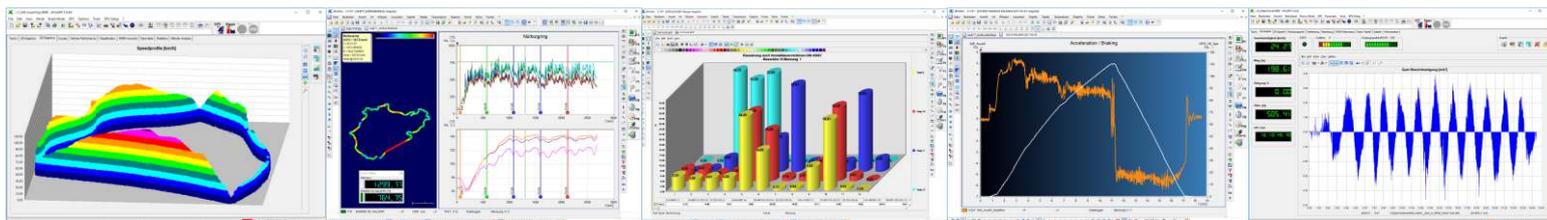
- Laptimer
- Basic performance tests
- CAN-logger / display

Best for all kinds of Vehicle Testing

For a wide range of vehicle testing xProGPS_nano is the perfect product for you and gives excellent value for money!

Typical applications include:

- General analysis of drive cycles
- Fuel consumption and coast down
- Replacement of 5th wheel and optical sensors
- Perfect for tests in electric cars
- Slip control of rail way vehicles
- Component test / durability test
- Homologation
- Motor sport / lap timer on race tracks
- Tractors and harvestors
- Vessels
- and much much more...



always on track - with xpro GPS_nano

Suchy Data Systems GmbH.
Am Steinacker 29
85253 Erdweg / Germany
+49 8138 69 74 240