GPS20/CANID

Converter GPS to CAN dbc

20 Hz GPS Receiver System

Optimised for Automotive applications

Conversion from GPS information to CAN ID

Automated generation of dbc file

2 configurable signal outputs: analogue or TTL

Online monitoring with integrated LCD display

Optional **OBD2/ ISO 15765/4 and WWH OBD / ISO 27145**

Individually configurable Analogue / TTL outputs

All internal signals in the data pool can be output on 2 BNC sockets for external logging. If the system is equipped with the optional OBD converter, in addition to the optimised GPS receiver, then it turns into a versatile data pool for applications on many different vehicle types. The selected signals can be displayed either as proportional analogue voltages or TTL pulse sequences. These features mean the GPS20/CAN ID is a valuable add-on to any measurement system.

Highly Cost Effective

With minimal effort, all necessary channels from the OBD port are available for display or output. A common application is the TTL output of the engine RPM and /or the vehicle speed for control of acoustic and vibration evaluation of assemblies or vehicles

Real-time monitoring via integrated display

Up to 4 available signals from the internal data pool can be connected for online monitoring on the high-contrast display.

Option: OBD2

Communication to ISO 15765/4 and WWH-OBD2 as well as ISO 27145 for EURO-VI. The standardised OBD2 protocol according to ISO-15765/4 enables practical access to sensor signals which are provided by the vehicle control module. This system extension allows the readout of additional OBD sensor values of vehicles and trucks in combination with GPS information to be used in CAN measuring chains, bridging the gap between the two communication protocols. The CAN bitstream is output together with GPS data, compliant to market standard, over a 9-pole D-Sub socket via two parallel connected circular plugs (MCAN).

Device layout GPS20/CANID as "Logging Plug In"

This version with cartridge housing is suitable for usage in complex logging systems. The CAN output is configurable to suit the application. As an alternative, the GPS receiver can be used as a standalone unit.