

CPS-221

Car Positioning System

Description

CPS-221 (Car Positioning System) is an integrated measurement unit with internal GPS sensor.

It can be used both in car and motorbike racing applications.

Main Features

- *Internal GPS*

Benefits

- *GPS RAM backup battery available*
- *Fast GPS synchronization*
- *Microcontroller MPC5553 ensures high performance (including digital signal processing instructions)*

Typical Applications

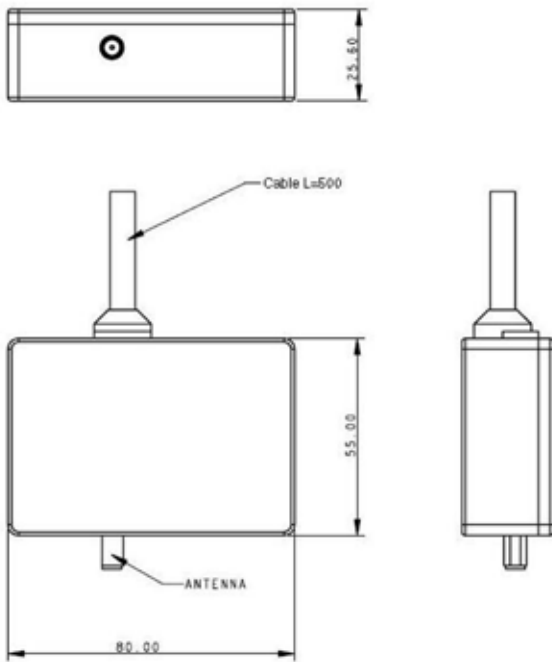
All race cars and bikes



CPS-221

Car Positioning System

Dimensions



Dimensions in millimetres

Technical Characteristics

Inputs

NTC internal temperature sensor	1
“Code Load” enable pin	1

Communications

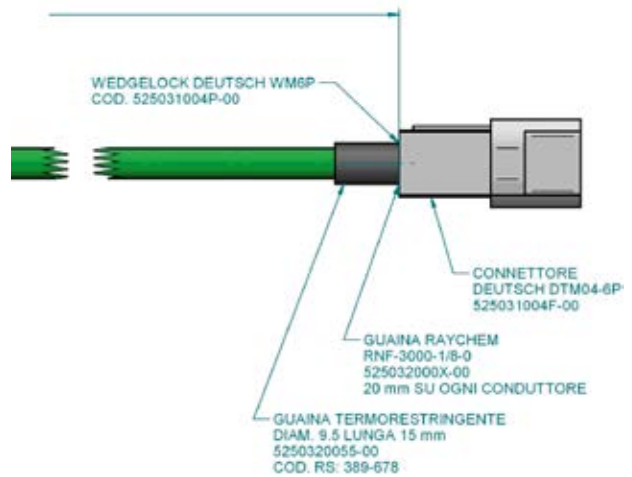
CAN line (1 Mbit/s (*))	1
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(*) Configurable on request

Other Characteristics

Power supply	8 to 16 V
Operating internal temperature	85 °C
Protection class	IP 64
Dimensions	
without connector and cable	80 x 55 x 25.6 mm
Cable length (min.)	500 mm
Weight (with cable and without connector)	152 g
External Connector	DEUTSCH DTM04-6P

Connector



Cable Pin Out

Pin Out CPS-221 (DEUTSCH DTM04-6P)

	Function	Wire
Communication		
CAN line	1	2
Miscellaneous		
VBATT	1	2
ENCP	1	1
	Total	5