CAN fuel gauge

Application

Telematics unit

CAN J1939

CAN fuel gauge

Dashboard fuel gauge

CAN bus

FMSCrocodile*

Analog signal

Standard fuel level sensor in fuel tank

* optional device

For vehicles without fuel level data in CAN bus

CAN fuel gauge

Features

■ For vehicles where fuel level data is not available from CAN bus

■ Converts analog signal of vehicle's standard fuel level sensor into digital data (SPN) as per J1939

■ Saves tank calibration table in internal memory, for higher accuracy of fuel volume measurement

■ Combined operation with FMSCrocodile allows transfering FMS data to telematics unit

Specification

Technical specifications

Supply voltage range .... 9 V – 45 V
Current consumption (12/24 V) .... not more than 500/250 mA
Operation temperature range .... – 40°C – + 85°C
Overall dimensions .... 95x58x25 mm

Analog inputs

Voltage .... 0,5 V – 9 V
Frequency .... 10 Hz – 10 000 Hz

Pins and connectors

Analog input (voltage/frequency) for fuel level sensor

CAN port for telematics unit connection