

TruckMonitorMini

Product overview

TruckMonitorMini is a monitor for custom vehicle builder and body builder based on the J1939 Body Builder CAN interface or FMS interface. All common messages according to J1939 are supported. Messages sent by the truck are evaluated and shown on the interface.

Due to minimal dimensions (87,5 x 87,5 x 37,7 mm) it is dedicated for mounting as a additional monitoring unit on the body of trucks. If the truck supports this the weight of the truck and the trailer can be shown.



Illustration 1: Data view of the TruckMonitorMini

Following information can be shown

Page 1

Coolant
temperature

Fuel level

Page 2

Oil pressure

Oil
temperature

Page 3

Engine speed

Engine hours

Page 4

Weight of the
truck*

Weight of the
trailer*

All pages

Parking brake switch, PTO status, engine status, fuel warning

* if provided by the truck

TruckMonitorMini

Monitor for the
J1939-BodyBuilder-CAN-Bus of Trucks

Hardware spezifikation

Hardware Base ifm Display CR0451

Protocol: SAE J1939 - ISO 11898 – HighSpeed-CAN / 5V Base / 250kBaud

Dimensions (W x H x D): 87,5 x 87,5 x 37,7 mm

Display: TFT LCD Color display, 57,6 x 43,2 mm (active area), 2,8" diagonal

Protection Class: IP67 (front side in when installed, otherwise IP 65)

Operating temperature: -20 ... +70°C

Storage temperature: -30 ... +80°C

Operating voltage: 8...32 V DC

Current consumption: 70 mA (at 24 V DC)

Unterstützte LKW Typen

Mercedes – Benz: Aufbau-CAN CoTel /Telematik

MAN: Aufbau-CAN / FMS-Schnittstelle

Scania: Externer CAN-Bus

Volvo: BB-CAN

DAF: BB-CAN

Renault: BB-CAN

Iveco: CAN-Bus

FMS: FMS-Standard

Exemplary illustration



Illustration 2: Page 1 (coolant temperature, fuel level)

Illustration 3: Page 2 (Oil pressure, oil temperature)

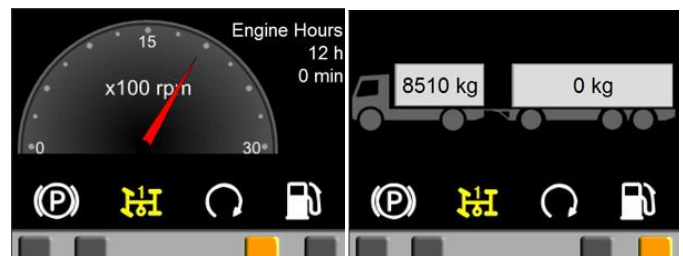


Illustration 4: Page 3 (Engine Speed, Engine hours)

Illustration 5: Page 4 (Weight of the truck, weight of the trailer)

Order information

Name	Order number	Description
TruckMonitorMini	B12100-TMM-001-0451	TruckMonitorMini
CANPowerSupply	B12090-CPS-002-0500	M12 cable socket straight, 500 cm 4pole CAN-cord with 120 Ohm resistor (further lengths available)