



ehb SMARTdisplay 30

The ehb SMARTdisplay 30 delivers a multitude of functions for the monitoring, visualisation and operation of applications via CAN bus (SAE J1939).

APPLICATIONS

Construction machinery

Communal vehicles

Agricultural machines

Plant engineering

Industrial visualisation

Maritime applications

Large, transfective, backlit B/W display with automatic contrast adjustment thanks to integrated brightness sensor

The ehb SMARTdisplay 30 ensures perfect legibility even under poor lighting conditions.

UV-resistant, rugged PA6 housing for installation in a 52mm standard bore. Secure installation with retainer bolted from the rear

Fast installation and retrofit. Dependable functioning even in harsh environments.

CAN bus

Inexpensive solution for the monitoring and visualisation of engine characteristics with CAN bus.

Plug and Play

Preconfigured solutions for standard applications without programming expertise.

Easy to use

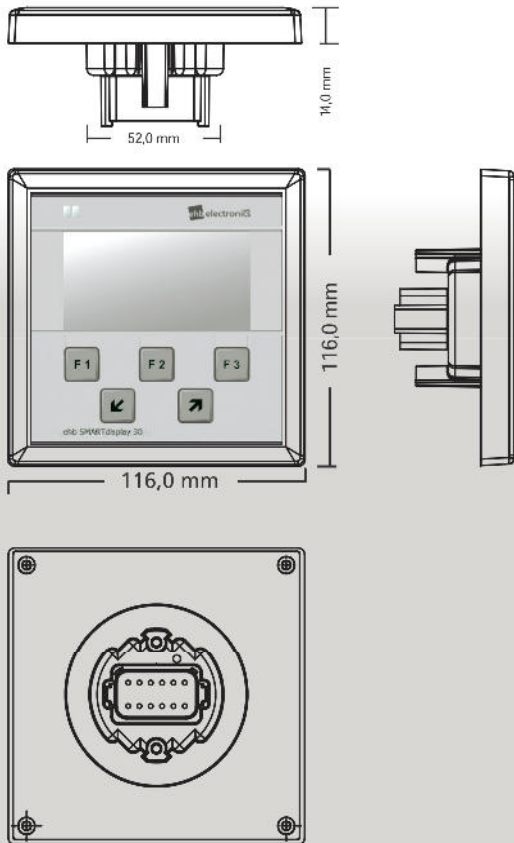
No need to know the CAN bus protocol to display the relevant engine data for:

- Exhaust system data
- Fuel tank levels
- Temperatures
- Diagnostic data
- Pressure data
- Speed
- Torque
- Fuel consumption
- 3-phase generator data (optional)

ehb SMARTdisplay 30

TECHNICAL DATA

ehb5441



Technical data

Voltage range	5 – 32V (typ. 6 – 32V)
Power consumption	50 – 120mA (in UB 8 – 24V)
Operating temperature	-20°C to +70°C
Storage temperature	-30°C to +80°C
RAM memory	64 kByte
Flash memory	128 kByte
CAN bus interface	250 kBit/s, CAN 2.0, SAE J1939

Visualisation

Display type	Dot-matrix LCD display, transfective
Resolution	128 x 64 pixels
Visible screen diagonal	3.0" (7.6cm)
Brightness	>30 cd/m ²
Contrast ratio (CR)	5:1
Background lighting	LED, white

Mechanical data

Housing dimensions (W x H x D)	116 x 116 x 14 mm
Installation depth	47 mm / approx. 70 mm with cable
Installation cut-out	Ø 52 mm
Housing material	PA 6 30 GB, black, UV-stabilised
Weight	190g
Installation	Retainers, bolted from the rear
Degree of protection:	IP67 (with plug inserted)
Connection	Deutsch plug type DT04-12PA

Test standard

Humidity	DIN EN 60068-2-3
Vibration	DIN EN 60068-2-6
Impact	DIN EN 60068-2-27
CE marking	according to Directive 2014/30/EU

Accessories

Connection cable, 12-pole, 3m	ehb5362
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