

Stand-Alone Display

Type KCD14245

Calculation and Display Unit

Integrated calculation and display unit with onboard processor for evaluation and display of test data. Suited for speed sensors with digital (pulse) output and/or DFL fuel flow measurement systems.

- Powered from 12 VDC vehicle battery
- Start/Stop button at the front panel
- Operation mode selectable for:
 - actual fuel consumption (e.g. consumption at idle)
 - average consumption of the test performed
 - total volume since the start button has been pressed
 - actual speed
 - average speed of the test performed
 - total distance since the start button has been pressed
 - time elapsed since the start button has been pressed
- Separate inputs for fuel flow meter and/or speed sensor
- Selectable factors for speed and fuel flow sensors
- Suction holder unit for fixing on the windshield

Description

The Stand-Alone display enables real-time processing and displaying of speed and fuel consumption data when used with DFL fuel flow meters and Kistler speed sensors. Incorporating a high-intensity digital display, the unit can work as well as a stand alone display for speed or fuel flow sensors.

When used as a stand alone display for fuel flow measurement systems, consumption data as a function of time in l/h and total consumption in liter is proved together with time elapsed since measurement has been started.

When used with a connected speed sensor, time, actual speed, and distance traveled since the start button has been pressed, are displayed.

When used with both types of sensors, the unit provides consumption data as a function of time in l/h - and as a function of distance traveled in l/100kph, as well as display of instantaneous and mean speed in kph/h, and of distance traveled in m.

Values also can also be displayed in US units.



Technical Data

Performance Specifications

Resolution		
Time	s	1
Volume	l, l/h	0,001
	l/100 kmh	0,01
Distance	m	1
Speed	km/h	0,01
Maximum reading		
Volume	l, l/h	999.999
	l/100 km	9999.99
Time		99:59:59
Distance	km	99.999
Speed	km/h	9999.99
Factors		
for speed sensors	pulses/m	340, 400, 460, 500 and 1 500
for fuel flow sensors	pulses/ccm	10, 500, 1 500
Units (selectable by switch)		SI or US

System Specifications

Power supply	VDC	10 ... 18
Power consumption	A	0,3
Temperature range	°C	-20 ... 70
Dimensions	mm	370x55x42
Weight	grams	approx. 500

Ordering Code

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