



Stand-Alone Display

Calculation and Display Unit

for

Speed Sensors with digital (pulse) output and/or CDS-DFL Fuel Flow Measurement Systems

- Integrated calculation and display unit with onboard processor for evaluation and display of test data
- Powered from 12 V DC vehicle battery (banana plug)
- Start / Stop button at the front panel
- Operation mode selectable for:
 - actual fuel consumption rate (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
- Switchable to SI or US units
- Separate inputs for fuel flow meter and / or speed sensor
- Selectable factors for speed and fuel flow sensors



Stand-Alone Display

Concept

The CORRSYS-DATRON Stand-Alone Display enables real-time processing and displaying of speed and fuel consumption data when used with DFL fuel flow meters and CDS 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 be displayed in US units.

Typical Technical Specifications

Resolution:	time 1 s volume 0.001 l; 0.01 l/100kph; 0.001 l/h distance 1 m speed 0.01 kph
Maximum reading:	volume 999.999 l, l/h; 9999.99 l/100 km time 99:59:59 distance 999.999 km speed 9999.99 kph
Input factors:	speed - 340, 400, 460, 500 and 1500 p/m fuel flow - 10, 500, 1500 p/ccm
Units:	SI or US (selectable by switch)
Operating temperature range:	-20 ... +70° C
Operating voltage, nominal:	12 V DC (10 ... 18 V DC)
Power consumption:	0,2 A
Dimensions:	370 x 55 x 42 mm (without cable)
Weight:	approx. 560 g (without cable and mounting units)



© 2009 CORRSYS-DATRON Sensorsysteme GmbH, Germany
StandAloneDisplay_d-217-e-rev002 06/09

CORRSYS-DATRON
A Kistler Group Company

CORRSYS-DATRON Sensorsysteme GmbH
P.O. Box 1349 • 35523 Wetzlar / Germany
Phone: +49 64 41 92 82 0
Fax: +49 64 41 92 82 17

www.corrsys-datron.com

sales@corrsys-datron.com

KISTLER
measure. analyze. innovate.

www.kistler.com

In a continuous effort to improve our products, CORRSYS-DATRON reserves the right to change specifications without prior notice.

Kistler Instrumente AG
P.O. Box • CH-8408 Winterthur / Switzerland
Phone: +41 52 224 11 1
Fax +41 52 224 14 14

info@kistler.com