



DAS-2AD/24V

for Acquisition of longitudinal dynamics

Designed for use with

CORREVIT® RAIL and L-400 RAIL Sensors

- Quick and easy mounting of the complete measurement system
- Online display of up to 3 measured variables and 5 measurement values after finishing the measurement
- 24 volt basic supply for DAS-2AD/24V and further system supply 12 volt for CORREVIT® L-400 RAIL
- Optional LED display with 3 big measurement values, free selectable
- Operating control via display
- All required hardware and software triggers are available at exact time determination (e.g. for hardware trigger 1 ms)
- Can be triggered on all channels, i.e. all channels may be used as triggers
- Measurement data can be stored on a S-RAM card up to 8 MByte for further computer processing (PC with PCMCIA-drive)
- Variable connecting options for sensors (acceleration sensor, pedal force sensor, RPM and flow meter, wheel incremental transducer)
- Direct communication between PC and DAS-2AD/24V via serial interface for configuration of the measurement task, using CeCalWin software.
- Optional simulator with digital, analog and switch function for testing the measurement configurations.
- Most favorable price-performance ratio



Artikelnr.:
DAS-2AD/24V

14436

Concept

The DAS-2AD/24V data acquisition and evaluation system is designed for use with our proven CORREVIT® Sensors. The measured data that are recorded at the test track can be immediately evaluated during the test. The system may be applied for the following tests:

- Distance and speed
- Braking distance measurement
- Acceleration measurement
- Coast-Down-Test
- Consumption measurement
- Determination of $v_{\max/\min}$

The measured data may be put out directly via printer in v, s, t-steps.

The DAS-2AD/24 System can be connected to CORREVIT® Sensors and brake switch/light barrier. It is equipped with two external digital channels for coexistent connection of further external transducers and disposes of an incorporated printer.

Typical Technical Data

Inputs:	1 digital and 1 analog input for CORREVIT® Sensors 2 counter inputs, one of them switchable to counter or pulse-width or pulse sum measurement 2 switch inputs for brake switch and light barrier 2 opto coupler inputs for e.g. brake light pulses
Sampling Rates:	100 ms or 50 ms - adjustable by the user
Storage medium:	SRAM-Card 2.4 up to 8 MByte
Dimensions:	Display: 164 x 105 x 32 mm Sensor connecting box: 164 x 105 x 79 mm
Display:	Optional display of 1 to 3 measured values
Weight:	Display: 600 g Sensor connecting box: 1100 g
Temperaturbereich:	Operation: 0° to 70° C Storage: -15° to 85° C
Outputs, when L- or S-sensors are connected:	
Interface:	RS232
Memory:	SRAM-Card up to 8 MByte
Printer:	incorporated

The system may be configured via the keys of the display unit and via CeCalWin Software. The measurement data are stored onto the SRAM card. You may continuously store data for approx. 8 hours when using a 8 MByte SRAM card (sampling rate of 50 ms.)

CORREVIT® is a registered trademark of CORRSYS-DATRON Sensorsysteme GmbH
C3D_D817-51-01-01E

CORRSYS 3D

Charlotte-Bamberg-Str. 6 • 35578 Wetzlar / Germany
Tel. +49-(0)6441-20914-30 • Fax. +49-(0)6441-20914-14
www.corrsys3d.com



In a continuous effort to improve our products, CORRSYS 3D Sensors AG reserves the right to change specifications without prior notice.