

Sechs optische Alarm-LEDs und Akustik-Alarm zur optimalen Überwachung Ihrer Arbeitsmaschine. Endlich auch im platzsparenden 5,7"-Hochformat mit CANbus und Portrait-Color-Display.

Six visual alarm LEDs and acoustic alarm provide the optimum platform for monitoring your work vehicle. CANbus functions in a space-saving 5.7" portrait format color display.

Six LED d'alarme optique et alarme acoustique pour contrôle optimal de votre engin de travail. Et enfin avec également un format vertical 5,7" peu encombrant et écran couleur portrait.

Seis LEDs de alarma visual y la alarma sonora ofrecen la plataforma óptima para el monitoreo de su vehículo de trabajo. Funcionalidad CANbus en una pantalla a color formato retrato de 5.7 pulgadas que ahorra espacio.

Seis LEDs de alarme óptico e alarme sonoro para um monitoramento ideal do seu veículo de trabalho. Finalmente também em formato retrato com 5,7 pol. com economia de espaço, CANbus e display colorido.

Шесть индикаторов световой сигнализации, зуммер звуковой сигнализации, все необходимое, чтобы контролировать работу машины. Предусмотрена возможность подключения к CAN. Цветной дисплей с диагональю 5,7 дюйма развернут вертикально – так панель занимает меньше места.

6个LED光学报警器和声学报警器，完美地监控您的工作设备。此外，还有节约空间的5.7"纵向显示模式的彩色显示屏以及CANbus。




[www.wachendorff-elektronik.de](http://www.wachendorff-elektronik.de)

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## HOUSING

Standalone mount,  
orientation portrait

W 134 x H 224 x D 70.5 mm,  
incl encoder, excl connector and cables

Weight 2 kg

## DISPLAY

5.7", 3:4, TFT, transfective

240 x 320 pixels

300 cd/m<sup>2</sup> max brightness

350:1 max contrast

H ±65°, V +40°/-65° max viewing angles

## USER INTERFACE

5 Softkeys, 6 Hardkeys

Key backlighting - green, not adjustable

1 encoder with push click to enter

## SIGNALS

5 LED indicators: 3 hardwired, 2 software-  
controlled. 1 red backlit message center.

Piezo alarm approx 80 dBA

## PROCESSOR

16-bit, 20 MHz, C167CR

## MEMORY

512 kB SRAM

4 MB Mass Storage

32 kB serial EEPROM

## INTERFACES

1 CANbus ISO 11898,  
CAN specification 2.0 B active

1 RS-232 (RxD, TxD only), EIA-level

Analog/Digital I/O

Up to 3 digital inputs for 5 LED indicators

## VIDEO

Optional 1 Composite CCITT video input,  
PAL 50 Hz color coding, input level

1 Vpp, 75 Ω

## REAL TIME CLOCK

Buffered for 2 weeks by gold cap,  
accuracy ±1 sec/day

## CONNECTORS

Main: Deutsch, 12 pin, DT15-12P

Analog/Digital I/O: On main connector

Video: Conec 4005W1SCR86E10X

## POWER SUPPLY

Max tolerable 10 – 50V DC

## ENVIRONMENTAL CONDITIONS

Temperatures

Operating –25° to +65°C

Storage –30° to +85°C

Protection IP 65. Not for outdoor use.

Vibration 5g @ 57 – 2000 Hz, 150 h per axis

Shock 30g, 11ms, 10 times per axis

## CERTIFICATES

e1 and CE mark

## OPERATING SYSTEM

Wachendorff BIOS

## PROGRAMMING

Wachendorff Projektor-Tool  
for Windows® NT/2000/XP  
supporting

Generic driver

CANfreestyle

## ADVANCED PROGRAMMING

Optional Programming in C/C++

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