

MOTOCANDIS increases the safety at work

Mühlacker, July 30th 2010 – An important issue especially for drivers of construction machines, commercial vehicles and mobile work machines is the safety at work. The display unit MOTOCANDIS from MOTOMETER helps to keep the overview and increases the safety for people and objects.

MOTOCANDIS analyses the data of a modern engine management system directly and visualizes it on a high-resolution, low-reflecting glass colour monitor (6,5 " VGA-display). Two video cameras can be easily connected on both video inputs. On one hand they make it easier with the reversal- and work space observation by showing the detailed view of important working areas or objects. So the work can be done accurately and without any people or property damage. On the other hand it is possible to get a high quality extensive panoramic vision. Thereby, MOTOCANDIS makes the place of work saver.

Simple application without special programming knowledge

The multifunctional display from MOTOMETER is individually programmable. Because of the user-friendly interface and the simple handling via mouse-click the users of the MOTOCANDIS software need no programming knowledge. It is possible to show other information at the same time besides the camera pictures e.g. the real-time clock, distance or operating hours counter.

All information can be individually shown with the WINDOWS-based calibration software. The user chooses among different presentations of the data e.g. classic round display, bar chart, text, digital values, etc. The camera images can be displayed in full-screen or picture-in-picture format, either on a continuously or event-driven basis. A simulation tool enables animation at place of employment. Furthermore, specific bitmaps or logos can be involved.

Numerous functions increase the safety at work

In addition to periodic shown standard information MOTOCANDIS can present warnings, error codes as well as further information. This increases the safety in the driver's cab. Thus, it is possible to program an event-controlled display which shows when defined swellings are gone below or beyond. If a defined temperature-, speed-, or pressure range is exceeded, the MOTOCANDIS brings this incident to the fore and points at this exceedance. In case of an acoustic warning a buzzer (acoustic pressure 85 db/m) can be switched on/off.

Innovative technic and high resistance

The menu of the CAN-displays can be operated with the six illuminated, freely configurable keys and an ergonomically mounted rotary knob. The two independent CAN interfaces (2.0 B; that means 11-Bit und 29-Bit identifier) make it possible to receive data, information and error messages as well as to send analogue measuring data or parametering data on the CAN bus. The transfer rate is adjustable up to 1 Mbit/s. The CAN interfaces support standard SAE J1939 and CAN open.

The rugged housing of MOTOCANDIS is designed to withstand the special requirements of harsh operation environments like temperature, humidity, vibration and EMV-ascendancies. The high resolution (640 x 480 Pixel) and the internal graphics processor make highly detailed and fluent images possible. The display unit is construed for a supply voltage between 9 and 32 volt. The real-time clock is buffered against interruptions in the power supply up to 500 hours.

For more information on MOTOCANDIS visit us at: www.motometer.de

Underline for the picture MOTOCANDIS: MOTOCANDIS increases the safety at work

Underline for the picture start screen: MOTOCANDIS makes a direct evaluation of digital data of a modern engine management system possible

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As owner of the MOTOMETER brand IVEKA sells worldwide products for vehicle manufacturers, repair shops and system engineers. The product portfolio includes workshop and test equipment as well as tachographs, display systems and sensors.

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