

Press release

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Area: Control systems

Subject: Intelligent compact display for mobile machines

In almost all mobile machines powerful dialogue units for handling and displaying system messages are required.

The PDM360 smart is such a dialogue unit. The robust sealed diecast zinc housing has protection rating IP 67. It is suited for surface and panel mounting in outdoor applications and cabins.

The resolution of the transfective 2.5" display is 128 x 64 pixels. 12 backlit function keys are used for data entry and handling of the unit.

Programming is effected according to IEC 61131-3. This allows clear and easy creation of the application software for the user. Function libraries are available for the special functions of the display. The graphic elements are created and animated using the integrated visualisation of the programming system.

The PDM360 smart has a CAN interface to ISO 11898. The data exchange with the controller is effected via this interface. In addition to the CANopen protocol for fast and flexible connection to the bus, the protocol to SAE J1939 is also supported to read or visualise motor data. The integrated RS-232 interface allows communication with other units as well as the download of the application software.

As an option, the PDM360 smart has four additional inputs and outputs each. They can be used for the connection of external switches or signal lamps.

The unit has an e1 approval. It is thus approved for use in vehicles in public transport.

Customer contact:

*ifm electronic gmbh
Teichstr. 4
45127 Essen
GERMANY
www.ifm-electronic.com
E-mail: info@ifm-electronic.com*

Press contact:

Trade press:
*Andreas Biniasch, phone: +49 / 201 / 24 22 425
andreas_biniasch@ifm-electronic.com*

Economic press:

*Simone Felderhoff, phone: +49 / 201 / 24 22 411
simone_felderhoff@ifm-electronic.com*