



Press release

**wpi 373 / 1009
October 2009**

Area: Control systems for mobile vehicles
Subject: 32-bit ExtendedController for mobile vehicles

With the new ExtendedController, ifm electronic is presenting a further 32-bit controller, extending the range of powerful controllers for mobile applications which already includes the tried-and-tested 16-bit standard controllers. Typical applications are complex applications such as cranes, fire engines, municipal vehicles as well as construction machines and agricultural machines.

80 input/output points can be connected to the CR0232 ExtendedController via two 55-pole central plugs.

The 32 multifunctional inputs can be configured as digital, frequency or analogue input with diagnostic function. In addition, 32 freely configurable digital or PWM outputs with diagnostic capability and current control as well as 16 additional digital outputs with diagnostic capability are available.

Furthermore, the 32-bit ExtendedController has four CAN interfaces with CANopen and SAE J1939 protocol. They support all important bus protocols and different baud rates as well as the transparent or preprocessed data exchange. Programming is made with CoDeSys according to IEC 61131-3.

The controller for mobile applications is shock and vibration resistant, has a compact metal housing with flange fastening and the e1 type approval of the German Federal Office for Motor Traffic.

ifm electronic at the SPS/IPC/DRIVES 2009: hall 7a, stand 302.

Customer contact:

ifm electronic gmbh
Teichstr. 4
45127 Essen
Germany

www.ifm.com
info@ifm.com

Press / public relations / media planning:

Simone Felderhoff, +49 (0)201 / 24 22-411
simone.felderhoff@ifm.com

Technical writing

Dipl.-Ing. Andreas Biniash, +49 (0)201 / 24 22-425
andreas.biniash@ifm.com

Sabrina-Ulica Schuster (M.Sc.), +49 (0)201 / 24 22-425
sabrina-ulica.schuster@ifm.com

You can download all texts and product photos in our press area at
www.ifm.com/gb/press (English) or www.ifm.com/de/presse (German).