

## Press release

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Area: Systems for mobile machines

### **32-bit ExtendedController for mobile applications performs complex control functions.**

*Essen, September 2013* – The new ExtendedController from ifm electronic features 32 multifunctional analogue and digital inputs and outputs which also provide practical diagnostic functions. The unit features more than five powerful CAN interfaces to ISO 11898 with CANopen and SAE J1939 protocol for many communication tasks. The E1 type approval of the German Federal Office for Motor Traffic is available.

#### **Powerful electronics**

The core of the controller integrated in a compact metal housing and designed according to the applicable standards for electronics for mobile applications is a fast 32-bit processor. Monitoring and protection functions enable safe operation even under extreme operating conditions.

#### **Programming, connection and interfaces**

Programming according to the standardised IEC 61131-3 languages with CODESYS enables the user to create clear and easy application software. It is easy to integrate all control functions in the application program. In addition, libraries are available for special functions of the controller. The CAN interfaces support all important bus protocols, different baud rates and the transparent and preprocessed data exchange.



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New 32-bit  
ExtendedController.

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