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Epec releases 3610 Control Unit

Epec proudly presents a new Control Unit, Epec 3610. This product introduces several new features in a compact and robust enclosure. Epec 3610 has an RS-232 serial port and as an assembly variant, I/O- interface that is compatible with the previous Epec 2038 Control Unit. However, Epec 3610 also comes with completely new features like high-side current measurement and an internal 3-axis accelerometer, for example, for levelling purposes. Epec 3610 also has an option for accurate Pt1000 measurement.

Epec 3610 key features:

- 16/32 bit microcontroller 100MHz
- 2 x CAN or 1 x CAN + RS232 serial port
- High-side current measurement in 6 PWM output pins, 2 sinking output pins
- Total 23 I/O pins, all pins can be configured as input pins
- Internal 3-axis accelerometer
- SW selectable option for improved Pt1000 measurement
- Diagnostics LED
- Operating temperature range -40...+85 °C
- CODESYS 2.3 programmable

Epec 3610 comes with a new Firmware version 1.170. This new Firmware has several improvements, for example, related to pulse inputs and a new feature that makes it possible to remove a customer application using the product's BSL pin. Please check the Programming and Library Manual and Technical Manual for details (available from Epec Extranet).

Software version information:

- Firmware version 1.170
- Software release packages:
FW_1_170_E30B3610_01_Ver_2.srp
FW_1_170_E30B3610_42_Ver_2.srp
FW_1_170_E30B3610_52_Ver_2.srp

EPEC 3610 CONTROL UNIT IS AVAILABLE WITH THE FOLLOWING PRODUCT CODES:

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|--------------------|--|
| E30B3610-01 | (Epec 2038 compatible I/O with low-side current measurement, RS-232 interface) |
| E30B3610-42 | (2 x CAN, high-side current measurement) |
| E30B3610-52 | (2 x CAN, high-side current measurement, internal accelerometer) |

RELEASE DATE: 28.06.2017

ADDITIONAL INFORMATION:

Epec Customer Support, techsupport@epec.fi

SDK 2.8 release

Epec SDK 2.8 is also available and supports Epec 3610 and 3720 control units. The SDK can be downloaded from Epec Extranet.

