

PRESS RELEASE 11/08

FIELDBUS TECHNOLOGY

## Diagnostic Power Conditioner

Turck has added new DPC-49-DU entry level model to the DPC family for Foundation Fieldbus

*Muelheim, June 19, 2008* – Turck's DPC-49-DU model is a further addition to its range of diagnostic power conditioners for Foundation Fieldbus. In order to ensure system integrity, the Diagnostic Unit of the DU version offers the same functions as the ADU variant (Advanced Diagnostic Unit) presented last year, with the exception of the physical layer and protocol diagnostics. The Diagnostic Power Conditioners come with an integrated diagnostics unit that can detect system faults, such as in one of the power supply modules. The diagnostics indicate the device using an isolated relay contact.

The DPC system allows efficient segment planning and provides redundant power feeds for the FF segments, each with an output current of up to 800 mA and an output voltage up to 30 VDC. With these specifications the Power Conditioner can even feed long-distance segments with several stations without any problems. In order to detect the fieldbus signal without any feedback, Turck has also implemented a full galvanic isolation in the new DPC system, both between the segments and between the segments and the power supply.

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Turck1107.jpg:

**The DPC-49-DU expands Turck's range of diagnostic power conditioners for FF networks**

Text and image (300 and 72 dpi) can be downloaded on: [www.turck.com/press](http://www.turck.com/press)

## **Turck Group**

Turck is a leading manufacturer in the field of industrial automation. With more than 2.700 employees working in 27 countries and representatives in further 60 states, Turck achieves a turnover of more than 330 million euros. With an enormously versatile range of approximately 15.000 sensor, fieldbus, interface and connectivity products, Turck offers highly efficient product solutions for factory and process automation. The company has continued to set new standards with superior products such as the RFID solution BL ident, revolutionary sensors without reduction factor or ultra-compact and modular fieldbus and remote I/O systems, also for use in explosion hazardous areas.

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