

PRESS RELEASE 05/08

FIELDBUS TECHNOLOGY

Ethernet-Profibus Interface with DTM

xEPI enables central field device operation and network diagnostics using FDT/DTM technology

Muelheim, March 18, 2008 – Turck has added the xEPI Ethernet-Profibus coupler to its range of interface devices. The FDT/DTM supported interface enables vertical integration from the office right down to field devices on different communication levels such as HART via Profibus PA. In this way, the user can monitor his Profibus networks and assign parameters to the field instrumentation from a central location. xEPI is thus another important contribution to asset management, and can be used both as an active Profibus master (class 2) and a simple listener on the bus which doesn't actively take part in the bus traffic.

As a class 2 master, the xEPI communicates via a standard Ethernet protocol with TCP/IP. The ComDTM provided free-of-charge and an FDT frame application such as PACTware enable connection via the corporate network to any Profibus stations as required. The FDT/DTM technology allows the implementation of nested communication and the integration of other communication levels.

As a listener, xEPI can be implemented with the Profibus-Scope software tool as a permanently installed unit, allowing Profibus networks to be diagnosed conveniently via Ethernet. This interface can be used by maintenance and service personnel for implementing long-term monitoring for the detection of creeping irregularities such as in communication, signal

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monitoring or device diagnostics, and it can also be used for the parameterisation of field devices.



Turck0508.jpg:

**Asset Management enabled:
The FDT/DTM-supported xEPI
enables the connection of
Profibus networks to Ethernet,
as well as central diagnostics
and parameterisation**

Text and image (300 and 72 dpi) can be downloaded on: 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 25 countries and representatives in further 60 states, Turck achieves a turnover of more than 330 million euros. With an enormously versatile range of approximately 13.000 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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