

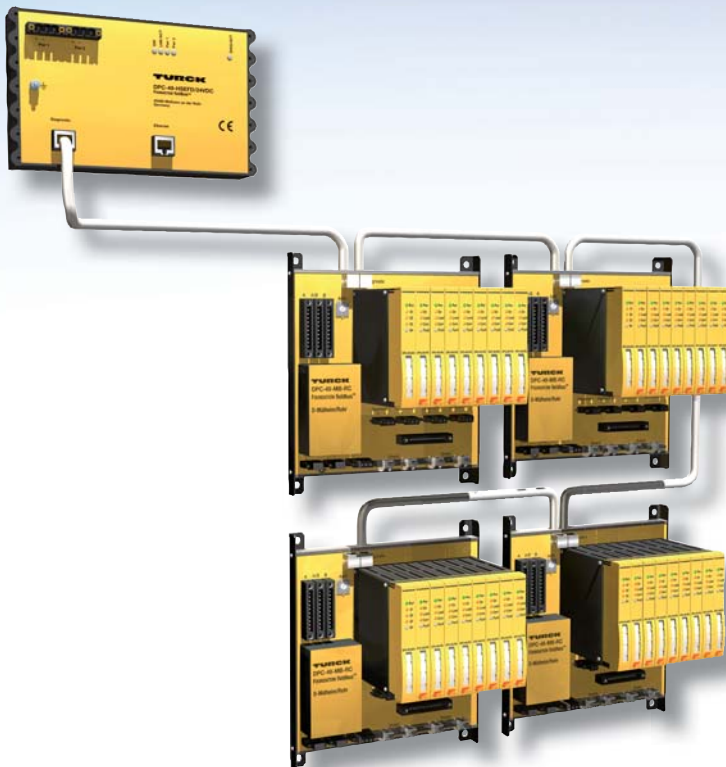
TURCK

PROCESS AUTOMATION

ASSET MANAGEMENT ENABLED

www.turck.com

DIAGNOSTIC POWER CONDITIONER SYSTEM



Multi-functional

The Diagnostic-Power-Conditioner system is a power supply system for Foundation Fieldbus™ H1 segments and supports commissioning and fieldbus diagnostics with FDT/DTM.

• Transparent

Numerous functions for segment, system and HSE diagnostics are provided. In combination with FF function blocks for diagnostics alarms ultimate operational readiness is thus guaranteed.

• Safe

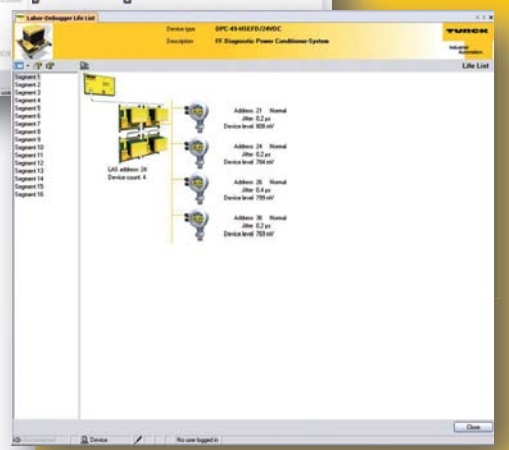
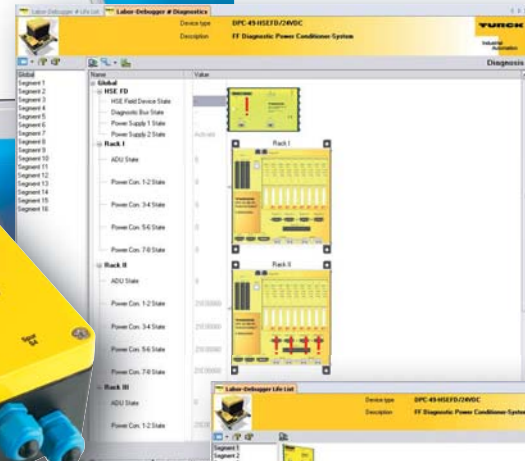
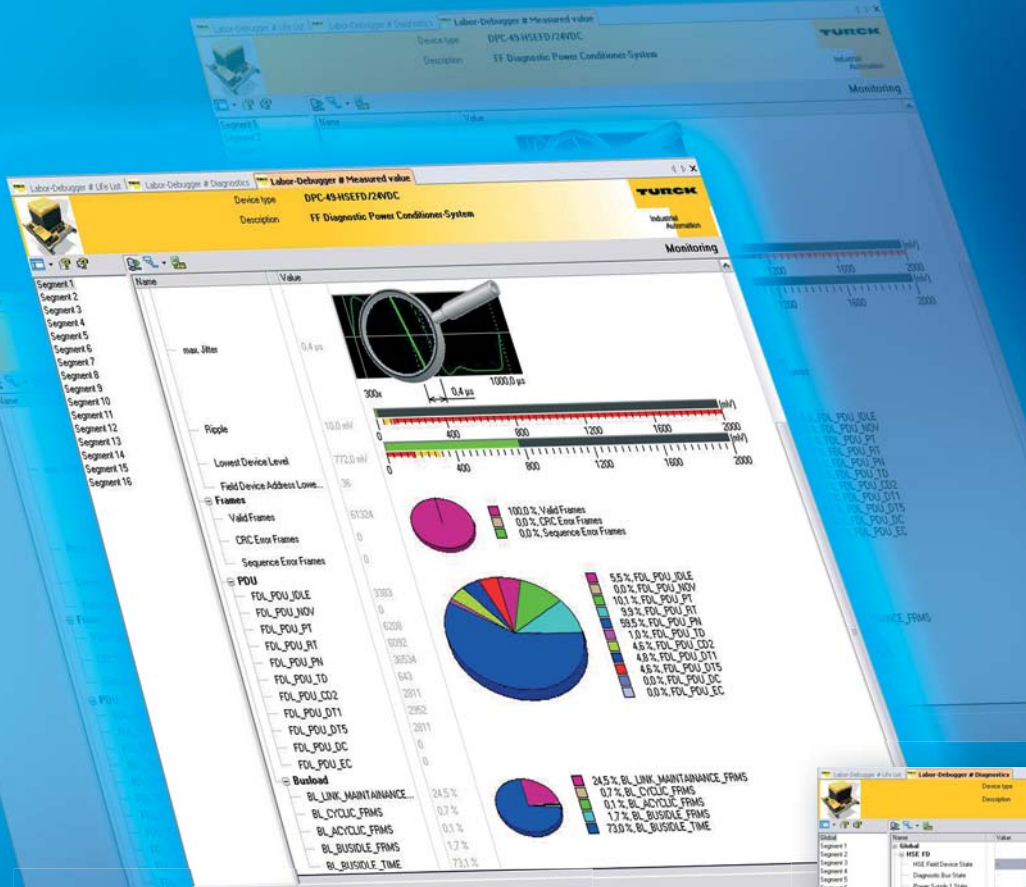
Complete galvanic isolation and redundant power supply guarantee error-free operation.

• High performance

The DPC supplies 16 extended fieldbus segments with sufficient energy with maximum output power of 800 mA, 30 VDC.

Point to Point! Point to Bus! Bus to Bus!

Hans Turck GmbH & Co. KG
Witzlebenstraße 7, 45472 Mülheim/Ruhr
Tel. +49 (0) 208 49 52-0, Fax -264
E-Mail pa@turck.com, www.turck.com



Diagnostic Power Conditioner
The TURCK DPC system (Diagnostic Power Conditioner) supports commissioning of FOUNDATION™ fieldbus systems and detects long-term errors and creeping changes within single fieldbus segments. With a special alarm strategy fieldbus typical asset errors or even failures can be avoided. Not only are FF-H1 segments monitored, the DPC system features a self-diagnostics routine and monitors moreover the FF-High-Speed-Ethernet. Diagnostics data is either displayed via standard FF function blocks or graphically via DTM.



FDT/DTM support
Active control of the physical layer (communication infrastructure between fieldbus segments and control system) in a modern asset management system is possible with numerous TURCK products. Right from the start, TURCK has consequently supported solutions based on FDT/DTM technology. Thus all of our physical layer components already feature DTMs. Such as typical point-to-point (interface technology) and point-to-bus (remote I/O) connections, as well as bus-to-bus communication (fieldbus technology)..

