

## FF- and Profibus-PA portfolio expanded

Turck introduces a new multibarrier for Foundation Fieldbus and Profibus-PA as well as a FF-Diagnostic-Power-Conditioner with expanded diagnostic functions

*Muelheim, September 28, 2011* – With a new multibarrier and new firmware for the Diagnostic Power Conditioner (DPC), Turck completes its portfolio for process automation. The new multibarrier MBD40 in protection category IP20 is a compact 4- and 8-channel solution for the connection of intrinsically safe electric circuits to Foundation-Fieldbus- or Profibus-PA-networks. The multibarrier can be operated reliably in an extended temperature range between -40 °C (optional -55 °C) and 70 °C. With the use of housings made of stainless steel or plastic, user specific applications like 12- or 16-channel types can be realized in a small space, if required. With the new multibarrier, the proved 4-channel derivative in a die-cast aluminum housing is available as 8-channel type.

With the new firmware, Turcks Diagnostic Power Conditioner DPC-HSEFD for Foundation Fieldbus has expanded functions such as an integrated web-server, which offers the same possibilities for parameterization and configuration as the DTM-based solution. An internal diagnostic buffer memorizes detected alarms from the monitored FF-segments, so that a constant surveillance through an external DTM-based software is not necessary any longer. The buffered diagnose- and alarm data can be easily read and forwarded to other programs like Excel. Over a snap on for Emersons AMS-Suite „Snap on“ the Foundation-Fieldbus-H1-alarms are now also send to the popular asset management of Emerson. Thereby the maintenance personal receives clear information about the quality of the H1-communication, so that a preventative maintenance is possible and failures of the plant can be avoided.



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**New to the Turck-program:  
FF-Power-Conditioner and  
multibarrier for FF and  
Profibus-PA**

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