



Universal DTM

DTM Generic HART

- Device DTM
- For HART multiplexers
- Communication DTM

Device type manager (DTM) for HART communication

Function

- Based on FDT technology
- Device Type Manager (DTMs) available for all Pepperl+Fuchs devices and systems
- Commissioning, configuration and parameter assignment independent of the process control system
- Communication DTMs available for serial interfaces and fieldbus systems
- Maintenance, diagnostics and error correction

Technical Data

General specifications	
Description	Universal DTM for parameterization of individual HART sensors via "universal" commands and "common practice" commands (manufacturer: ICS)* * Note: DTMs only work in conjunction with FDT frame application e. g. PACTware.
Software	
Hardware requirements	- processor min. 500 MHz - working memory: min. 256 MB - hard disk space: min. 200 MB - graphic resolution 1024 x 768 Depending on the complexity of the project and the DTMs used, the memory requirement may be several times higher.
Software requirements	operating system: - Microsoft Windows 7, Windows 8 or Windows 10 internet browser: - Microsoft Internet Explorer 4.0 or higher software components for installation - Microsoft .Net Framework 3.5 or higher - FDT framework program PACTware 5.X or higher - the application-specific device type manager
Languages	German, English, French, Spanish, Russian can be selected
Installation	Administrator rights are required For installation in Windows.
Configuration	
Representation of the system configuration	Graphic representation of all communication and device type managers in the tree structure. In case of online operation colour code for identification of defective units and simulation operation. Multiple windows can be opened simultaneously. It is therefore possible to view the set device parameters, to monitor the measurement value and to display the device diagnostic simultaneously.
System planning, application processing	Generation of a configuration by means of a graphical application processing menu. Editing of available projects. Selection switch markings for each channel. Offline configuration, saving of project data to hard disk. Automatic comparison of the project plan to the actual available system when establishing connections on the device and parameter levels.

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