

**Type code**

DTM-Collection

**Features**

- Human machine interface
- for E-, H- and K devices
- for FieldConnex devices
- for level devices
- for HART multiplexers
- for Remote I/O systems RPI, LB and FB

**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
- In accordance with VDI/VDE 2187

**Accessories**

DotNet  
Microsoft .NET Framework

Technical data	
<b>General specifications</b>	
Description	FDT framework of PACTware Consortium e. V. for use of FDT 1.2 compatible system-, device- and communication-DTMs of individual manufacturers. Presence of the Microsoft.NET Framework is a condition.
<b>Interface</b>	
Connection	adapter with RS 232 interface K-ADP1 (for K-System) adapter for gateways with RS 232 intrface K-ADP2 (for RPI-System) adapter for gateways with RS 485 interface K-ADP4 (for RPI-System) USB/RS 485 interface converter (for LB-System)
<b>Software</b>	
Hardware requirements	The DTM-Collection requires 50 MBytes hard drive memory and a minimum of 40 MBytes main memory. Depending on the complexity of the projects and the used DTMs the main memory requirement can be multiple larger. A computer with a Pentium IV 450 MHz processor or better is recommended, XGA graphics and a Microsoft-compatible mouse or equivalent pointing device.
Software requirements	The DTM-Collection runs in operating systems Windows 2000 and Windows XP. The software .NET Framework 1.1 SP1 must be installed. For printing and online help you require MS Internet-Explorer 4.0 or higher.
Languages	German, English, French, Spanish, Russian can be selected
Licensing	The Pepperl+Fuchs DTM-Collections can be downloaded separately or altogether in a version with basic license. This version can also be obtained on CD-ROM from Pepperl+Fuchs. Basic license: The software remains a basic version after installation under the terms of a basic license that may have limited features. The basic license is delivered free of charge. Full license: The full license can only be activated by an individual license key number and transfers a basic version of software to a full version under the term of a full license. The software under these terms can be installed on more than one workstation simultaneously. The full licenses with the functionality quoted in the following can be ordered at Pepperl+Fuchs.
Available licenses	DTM-Collection Remote I/O System - RPI: basic license, full license DTM-Collection Remote I/O System - LB/FB: basic license, full license DTM-Collection Conventional Interface Technology: basic license already includes full license, no further licenses necessary DTM-Collection FieldConnex: basic license already includes full license, no further licenses necessary DTM-Collection HART Multiplexer: basic license already includes full license, no further licenses necessary DTM-Collection Level Control Technology: basic license already includes full license, no further licenses necessary DTM Corrossion monitoring CorrTran: basic license already includes full license, no further licenses necessary
<b>Configuration</b>	
Representation of the system configuration	Graphic representation of all communication and device DTMs in the tree structure. In case of online operation colour code for identification of defective units and simulation operation. Multiple windows can be open simultaneously. It is therefore possible to view the set device parameters, to monitor the measurement value and to display the device diagnostic simultaneously.

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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 or disk. Automatic comparison of the project plan to the actual available system when establishing connections on the device and parameter levels.

Associated products

CD-ROM with PACTware 3.5 and complete DTM-Collection of all available DTMs of the Pepperl+Fuchs H-, K- and E-System devices, HART Multiplexers, Remote I/O-Systems, FieldConnex devices and level devices.