



## Certificate

The FDT Group AISBL grants to

**ABB Automation Products GmbH**  
Schillerstraße 72, 32425 Minden

the Certificate Nr. 2005-0006 D  
for the following Device Type Manager (DTM):

### Generic DTM

with the Prog ID : WrapperFdt12.clsTkDispatcher  
Version: 2.00.36

This certificate confirms that the device type(s) as listed on the consecutive pages of this certificate have passed successfully the tests for Device Type Managers.

The tests have been performed according to the current test instructions, using dtmINSPECTOR version 1.01.0021 by an accredited test site on October 21, 2005.

The test scope and test results are documented in the test report Nr. 2005-014-0117.

ABB Automation Products GmbH has declared with written statement that the tested DTM also supports the device types as listed on the consecutive pages of this certificate.

This certificate is assigned for the forgoing mentioned tested and supported device types according to the FDT Group document "Framework for testing and certification of DTM" and is valid for FDT version 1.2 till November 27, 2008.

Vaterstetten, December 15, 2005.

A handwritten signature in blue ink that reads 'Manfred Patz'.

Dr. Manfred Patz  
FDT Certification Office

**Tested devices types for which this certificate is granted:****DTM MV2600-HART**Version: **1.02.02**

tested with the following communication protocol: HART

tested under the following operating system(s):

Microsoft Windows XP Professional, Version 5.1.2600, Service Pack 2.

**Supported devices types for which this certificate is granted:**

December 15, 2005;

EAN823_HART	Power electronic unit for continuous modulating actuators (Contrac)
EAS822_HART	Power electronic unit for continuous modulating actuators (Contrac)
EBN853_HART	Power electronic unit for continuous modulating actuators (Contrac)
EBN861_HART	Power electronic unit for continuous modulating actuators (Contrac)
EBS852_HART	Power electronic unit for continuous modulating actuators (Contrac)
EBS862_HART	Power electronic unit for continuous modulating actuators (Contrac)
LME620-AI_HART	Electrical linear actuator for continuous modulating control (Contrac)
PME120-AI_HART	Electrical part-turn actuator for continuous modulating control (Contrac)
FAM5400-31_H	Variable Area Flowmeter
FAM5400-32_H	Variable Area Flowmeter
FCM2000-MC23_H	Coriolis Mass Flowmeter (TRIO-MASS)
FCM2000-MC27_H	Coriolis Mass Flowmeter (TRIO-MASS)
FCM2000-ME21_H	Coriolis Mass Flowmeter (TRIO-MASS)
FCM2000-MM2_H	Coriolis Mass Flowmeter (TRIO-MASS)
FMT500-IG_HART	intelligent - Sensyflow
FSM4000_H	Electromagnetic Flowmeter
FS4000-SR4_H	Swirl Flowmeter
FS4000-ST4_H	Swirl Flowmeter
FV4000-VR4_H	Vortex Flowmeter
FV4000-VT4_H	Vortex Flowmeter
FXE4000-DE23_H	Electromagnetic Flowmeter
FXE4000-DE27_H	Electromagnetic Flowmeter
FXE4000-DE43_H	Electromagnetic Flowmeter
FXE4000-DE47_H	Electromagnetic Flowmeter
FXE4000-DE48_H	Electromagnetic Flowmeter
FXE4000-E4_H	Electromagnetic Flowmeter
264AS_HART	Absolute Pressure Transmitter - standard overload (High accuracy)
264BS_HART	High static Differential Pressure Transmitter (High Accuracy)
264DC_HART	gauge (High accuracy)
264DF_HART	Differential Pressure Transmitter - fast response (High accuracy)
264DG_HART	gauge (High accuracy)
264DH_HART	Flange mounted differential Pressure Transmitter (High accuracy)
264DL_HART	Interface and Density Pressure Transmitter
264DR_HART	gauge (High accuracy)
264DS_HART	Differential Pressure Transmitter (High accuracy)
264GS_HART	Gauge Pressure Transmitter - standard overload (High accuracy)
264HC_HART	gauge - high overload (High accuracy)
264HF_HART	Gauge Pressure Transmitter - high overload -fast response (High accuracy)
264HG_HART	gauge - high overload (High accuracy)
264HP_HART	gauge - high overload (High accuracy)
264HR_HART	gauge - high overload (High accuracy)
264HS_HART	Gauge Pressure Transmitter - high overload (High accuracy)
264NC_HART	absolute - high overload (High accuracy)
264NF_HART	Absolute Pressure Transmitter - high overload -fast response (High accuracy)
264NG_HART	gauge - high overload (High accuracy)
264NP_HART	gauge - high overload (High accuracy)
264NR_HART	absolute - high overload (High accuracy)
264NS_HART	Absolute Pressure Transmitter - high overload (High accuracy)
264PF_HART	Gauge Pressure Transmitter - fast response (High accuracy)
264PR_HART	gauge (High accuracy)
264PS_HART	Gauge Pressure Transmitter (High accuracy)

264VF_HART	Absolute Pressure Transmitter - fast response (High accuracy)
264VR_HART	absolute (High accuracy)
264VS_HART	Absolute Pressure Transmitter (High accuracy)
265AS_HART	Absolute Pressure Transmitter - standard overload (Top accuracy)
2010TC_HART	Multivariable Pressure Transmitter
267CR_HART	Multivariable Transmitter with Remote seal (High accuracy)
267CS_HART	Multivariable Transmitter (High accuracy)
269CR_HART	Multivariable Transmitter with Remote seal (Top accuracy)
269CS_HART	Multivariable Transmitter (Top accuracy)
268DC_HART	gauge (High accuracy)
268DR_HART	differential (High accuracy)
268DS_HART	Safety Differential Pressure Transmitter (High accuracy)
268HC_HART	gauge - high overload (High accuracy)
268HR_HART	gauge - high overload (High accuracy)
268HS_HART	Safety Gauge Pressure Transmitter - high overload (High accuracy)
268NC_HART	absolute - high overload (High accuracy)
268NR_HART	absolute - high overload (High accuracy)
268NS_HART	Safety Absolute Pressure Transmitter - high overload (High accuracy)
268PR_HART	gauge (High accuracy)
268PS_HART	Safety Gauge Pressure Transmitter (High accuracy)
268VR_HART	absolute (High accuracy)
268VS_HART	Safety Absolute Pressure Transmitter (High accuracy)
261AC_HART	Absolute Pressure Transmitter, with flange connection DN 50 / DN 80 / 2 inch / 3 inch, accuracy 0.15 %
261AG_HART	Absolute Pressure Transmitter, with sanitary connection, accuracy 0.15 %
261AJ_HART	Absolute Pressure Transmitter, with inline connection, accuracy 0.15 %
261AM_HART	Absolute Pressure Transmitter, with flange connection DN 25 / 1 inch, accuracy 0.15 %
261AN_HART	Absolute Pressure Transmitter, with frontbonded diaphragm 1 inch / 1 1/2 inch, accuracy 0.15 %
261AR_HART	Absolute Pressure Transmitter, with remote seal, accuracy 0.15 %
261AS_HART	Absolute Pressure Transmitter, compact class, accuracy 0.15 %
261GC_HART	Gauge Pressure / Level Transmitter, with flange connection DN 50 / DN 80 / 2 inch / 3 inch, accuracy 0.15 %
261GG_HART	Gauge Pressure / Level Transmitter, with sanitary connection, accuracy 0.15 %
261GJ_HART	Gauge Pressure / Level Transmitter, with inline connection, accuracy 0.15 %
261GM_HART	Gauge Pressure / Level Transmitter, with flange connection DN 25 / 1 inch, accuracy 0.15 %
261GN_HART	Gauge Pressure / Level Transmitter, with frontbonded diaphragm 1 inch / 1 1/2 inch, accuracy 0.15 %
261GR_HART	Gauge Pressure / Level Transmitter, with remote seal, accuracy 0.15 %
261GS_HART	Gauge Pressure / Level Transmitter, compact class, accuracy 0.15%
TH02_HART	Temperature Transmitter, head mounted
TH102_HART	Temperature Transmitter rail mounted
TH202_HART	Temperature Transmitter field mounted
2010TA_HART	Absolute Pressure Transmitter
2010TD_HART	Differential Pressure Transmitter
2020TA_HART	Absolute Pressure Transmitter
2020TG_HART	Gauge Pressure Transmitter
265AC_HART	absolute -standard overload (Top accuracy)
265AG_HART	gauge -standard overload (Top accuracy)
265AJ_HART	gauge -standard overload (Top accuracy)
265AM_HART	gauge -standard overload (Top accuracy)
265AN_HART	gauge -standard overload (Top accuracy)
265AR_HART	absolute - standard overload (Top accuracy)
265DC_HART	gauge (Top accuracy)
265DR_HART	absolute (Top accuracy)
265DS_HART	Differential Pressure Transmitter (Top accuracy)
265GC_HART	gauge -standard overload (Top accuracy)
265GG_HART	gauge -standard overload (Top accuracy)
265GJ_HART	gauge -standard overload (Top accuracy)
265GM_HART	gauge -standard overload (Top accuracy)
265GN_HART	gauge -standard overload (Top accuracy)
265GR_HART	gauge - standard overload (Top accuracy)

265GS_HART	Gauge Pressure Transmitter - standard overload (Top accuracy)
265JR_HART	Differential and Absolute Transmitter with remote Seal (High accuracy)
TZIDC_HART	Electro-Pneumatic Positioner
TZIDC-200_HART	Electro-Pneumatic Positioner

**August 2, 2006:**

TTH300_HART	Temperature Transmitter, head mounted
TTF300_HART	Temperature Transmitter, field mounted



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The test scope and test results are documented in the test report Nr. 2005-014-0118.

ABB Automation Products GmbH has declared with written statement that the tested DTM also supports the device types as listed on the consecutive pages of this certificate.

This certificate is assigned for the forgoing mentioned tested and supported device types according to the FDT Group document "Framework for testing and certification of DTM" and is valid for FDT version 1.2 till November 27, 2008.

Vaterstetten, December 15, 2005.

A handwritten signature in blue ink that reads 'Manfred Patz'.

Dr. Manfred Patz  
FDT Certification Office

**Tested devices types for which this certificate is granted:****DTM MV2600-PA**Version: **1.02.03**

tested with the following communication protocol: PROFIBUS DPV1

tested under the following operating system(s):

Microsoft Windows XP Professional, Version 5.1.2600, Service Pack 2.

**Supported devices types for which this certificate is granted:**

December 15, 2005;

FMT500-IG_DP	Termal Mass Flowmeter for gases, intelligent - Sensyflow
264AS_PA	Absolute Pressure Transmitter - standard overload (High accuracy)
264BS_PA	High static Differential Pressure Transmitter (High Accuracy)
264DC_PA	gauge (High accuracy)
264DF_PA	Differential Pressure Transmitter - fast response (High accuracy)
264DG_PA	gauge (High accuracy)
264DH_PA	Flange mounted differential Pressure Transmitter (High accuracy)
264DL_PA	Interface and Density Pressure Transmitter
264DR_PA	gauge (High accuracy)
264DS_PA	Differential Pressure Transmitter (High accuracy)
264GS_PA	Gauge Pressure Transmitter - standard overload (High accuracy)
264HC_PA	gauge - high overload (High accuracy)
264HF_PA	Gauge Pressure Transmitter - high overload -fast response (High accuracy)
264HG_PA	gauge - high overload (High accuracy)
264HP_PA	gauge - high overload (High accuracy)
264HR_PA	gauge - high overload (High accuracy)
264HS_PA	Gauge Pressure Transmitter - high overload (High accuracy)
264NC_PA	absolute - high overload (High accuracy)
264NF_PA	Absolute Pressure Transmitter - high overload -fast response (High accuracy)
264NG_PA	gauge - high overload (High accuracy)
264NP_PA	gauge - high overload (High accuracy)
264NR_PA	absolute - high overload (High accuracy)
264NS_PA	Absolute Pressure Transmitter - high overload (High accuracy)
264PF_PA	Gauge Pressure Transmitter - fast response (High accuracy)
264PR_PA	Gauge (High accuracy)
264PS_PA	Gauge Pressure Transmitter (High accuracy)
264VF_PA	Absolute Pressure Transmitter - fast response (High accuracy)
264VR_PA	absolute (High accuracy)
264VS_PA	Absolute Pressure Transmitter (High accuracy)
265AS_PA	Absolute Pressure Transmitter - standard overload (Top accuracy)
2010TC_PA	Multivariable Pessure Transmitter
267CR_PA	Multivariable Transmitter with Remote seal (High accuracy)
267CS_PA	Multivariable Transmitter (High accuracy)
269CR_PA	Multivariable Transmitter with Remote seal (Top accuracy)
269CS_PA	Multivariable Transmitter (Top accuracy)
TF12_PA	Temperature Transmitter, head mounted
TF212_PA	Temperature Transmitter, field mounted
2010TA_PA	Absolute Pressure Transmitter
2010TD_PA	Differential Pressure Transmitter
2020TA_PA	Absolute Pressure Transmitter
2020TG_PA	Gauge Pressure Transmitter
265AC_PA	absolute -standard overload (Top accuracy)
265AG_PA	gauge -standard overload (Top accuracy)
265AJ_PA	gauge -standard overload (Top accuracy)
265AM_PA	gauge -standard overload (Top accuracy)
265AN_PA	gauge -standard overload (Top accuracy)
265AR_PA	absolute - standard overload (Top accuracy)
265DC_PA	gauge (Top accuracy)
265DR_PA	absolute (Top accuracy)
265DS_PA	Differential Pressure Transmitter (Top accuracy)

265GC_PA	gauge -standard overload (Top accuracy)
265GG_PA	gauge -standard overload (Top accuracy)
265GJ_PA	gauge -standard overload (Top accuracy)
265GM_PA	gauge -standard overload (Top accuracy)
265GN_PA	gauge -standard overload (Top accuracy)
265GR_PA	gauge - standard overload (Top accuracy)
265GS_PA	Gauge Pressure Transmitter - standard overload (Top accuracy)
265JR_PA	Differential and Absolute Transmitter with remote Seal (High accuracy)
TZIDC-110_PA	Electro-Pneumatic Positioner
TZIDC-210_PA	Electro-Pneumatic Positioner

**August 2, 2006:**

FSM4000_PA	Electromagnetic Flowmeter
FS4000-SR4_PA	Swirl Flowmeter
FS4000-ST4_PA	Swirl Flowmeter
FV4000-VR4_PA	Vortex Flowmeter
FV4000-VT4_PA	Vortex Flowmeter
FXE4000-DE23_PA	Electromagnetic Flowmeter
FXE4000-DE27_PA	Electromagnetic Flowmeter
FXE4000-DE43_PA	Electromagnetic Flowmeter
FXE4000-DE47_PA	Electromagnetic Flowmeter
FXE4000-DE48_PA	Electromagnetic Flowmeter
FXE4000-E4_PA	Electromagnetic Flowmeter
TB82EC_PA	4-Electrode Conductivity 2-wire Instruments, Intrinsically-Safe, PROFIBUS PA
TB82PH_PA	pH/ORP/pION Transmitter
TB82TC_PA	Toroidal Conductivity 2-wire Instruments, Intrinsically-Safe, PROFIBUS PA
TB82TE_PA	2-Electrode Conductivity 2-wire Instruments, Intrinsically-Safe, PROFIBUS PA