Datasheet

PROFIBUS Device Type Managers Symphony Melody and Symphony Plus

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Revision : November 2011

The following Device Type Managers are interoperable with the Symphony Melody and Symphony Plus versions listed below. Please see the M column for DTMs interoperable with Symphony Melody and the S+ column for those interoperable with Symphony Plus.

Symphony Melody

Symphony Melody CSV2.11 D

Symphony Melody CSV 4.0 E

Symphony Melody CSV 4.0 E Rollup 1

Symphony Melody CSV 4.0 E Rollup 2

Symphony Melody CSV 5.0 C

Symphony Melody CSV 5.1A

Symphony Melody CSV 5.2B

Symphony Plus

Symphony Plus CSV 5.3

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Actuator	AUMA	AUMATIC AC01.1	2.001	AUMATIC AC01.1	DP	Z031.922/08-01	Z031.773/03	✓	✓
	ABB	CONTRAC-DPV1	01.00.00	PME 120	DP	1.50	1.00	✓	✓
		CONTRAC-DPV1	01.01.00	PME 120	DP	1.01.00	1.00	✓	✓
Analytical	ABB	TB82PH-PA	01.00.02	TB82PH	PA	V1.00	V1.00	✓	✓
		TB82EC-PA	01.00.02	TB82EC	PA	V1.00	V1.00	✓	✓
		TB82TC-PA	01.00.02	TB82TC	PA	V1.00	V1.00	✓	✓
		TB82TE-PA	01.00.03	TB82TE	PA	V1.00	V1.00	✓	✓
	Endress+ Hauser	Liquiline M Cci / CM42	V13.04.xx	Liquiline M Cci / CM42	PA	13.04.07-008	13.04.00	✓	✓
		Liquiline M pH-ORP / CM 42	V10.04.xx	Liquiline M pH-ORP / CM 42	PA	10.04.01	10.04.01	✓	✓
Flow	ABB	FEX100-DP	05.00.00	FEX100 Water-master	DP	05.00.00	-	✓	⊘
		FEX300/500-PA	05.00.00	FEX300/500 Watermaster	PA	00.01.02	02	✓	⊘
		FMT500-DP	1.0.29	FMT500-IG (Sen-syflow iG)	DP	1.07	1.03	✓	✓
		FCM2000-PA	01.00.02	FCM2000-PA (TRIO MASS)	PA	D699G001U02 A.10	Rev.0	✓	✓
		FSM4000 - PA	1.0.5	FSM4000	PA	D699G004U02 B.10	Rev.0	✓	✓
		FVS4000 - PA	1.4.5	TRIO-WIRL	PA	D200F003U01 A.15	Rev.0	✓	✓
		FXE4000 - PA	1.1.7	COPA/MAG-XE	PA	D200S022U01 A.16	Rev.0	✓	✓
	Endress+ Hauser	Promag / 50-DP	V3.04.xx	Promag / 50	DP	3.04.00	3.04.00	✓	✓
		Promag / 50-PA	V2.03.00	Promag / 50	PA	2.03.00	2.03.00	✓	✓
		Promag / 53-PA	V2.00.01..V2.02.02	Promag / 53	PA	2.02.02	2.02.02	✓	✓
			V2.03.00		PA	2.03.00	2.03.00	✓	✓
		Promag / 53-DP	V2.03.00	Promag / 53	DP	2.03.00	2.03.00	✓	✓
			V3.06.xx		DP	03.06.00	-/-	✓	✓
		Promag / 55	V2.03.00	Promag / 55	PA	2.03.00	2.03.00	✓	✓
		Promass / 80	V2.03.00	Promass / 80	PA	2.03.00	2.03.00	✓	✓
		Promass / 83-DP	V2.03.00	Promass / 83	DP	2.03.00	2.03.00	✓	✓

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Flow Cont..	Endress+ Hauser cont...	Promass / 83-PA	V2.02.01..V2.02.02	Promass / 83	PA	2.02.02	2.02.02	✓	✓
		Promass / 83-PA	V2.03.00	Promass / 83	PA	2.03.00	2.03.00	✓	✓
		Promass / 83-PA	V3.05.xx	Promass / 83	PA	3.05.00	3.05.00	✓	✓
		Promass / 83-PA	V3.06.xx	Promass / 83	PA	3.06.xx	3.06.xx	✓	✓
		Prosonic Flow / 90	V2.03.00	Prosonic Flow / 90	PA	2.03.00	2.03.00	✓	✓
		Prosonic Flow / 93	V2.03.00	Prosonic Flow / 93	PA	2.03.00	2.03.00	✓	✓
		Prowirl / 72	V1.02.00	Prowirl / 72	PA	1.02.00	1.02.00	✓	✓
		Prowirl / 72	V1.03.xx	Prowirl / 72	PA	1.03.00	1.03.00	✓	✓
		Prowirl / 77	V1.00.00.. V1.00.01	Prowirl / 77	PA	1.0	1.0	✓	✓
	Krohne	IFC 300	1.02.0001	IFC 300	DP	1.1.3 / 050413	2137300100	✓	✓
		H250 ESK 3	1.0.3	H250 ESK 3	PA	1.01 / 000418	2125910100 A	✓	✓
			1.02.0001	H250 ESK 3	PA	1.01 / 000418	2125910100 A	✓	✓
		UFC030	01.02.002	UFC030(UFM30)	PA	01.13/031010	2113110040 0	✓	✓
	Micro motion	2700P	1.0.0.13	2700P	PA	32	-/-		
Gateway	Pepperl +Fuchs	Collection FieldConnex 1.3.6.0	V1.0.0	HD2-GTR-4PA	DP	V2.5.0	-/-	✓	✓
Level	Endress+ Hauser	FMR 2xx Micropilot M	V2.00	FMR 2xx Micropi-lot M	PA	01.02.04	-/-	✓	✓
		Gammapilot M / FMG 60	V1.xx	Gammapilot M / FMG 60	PA	1.00	1.00	✓	✓
		Levelflex M / FMP 4x	V2.04.xx	Levelflex M / FMP 4x	PA	1.02.04	1.02.04	✓	✓
		Levelflex M / FMP 4x	V2.06	Levelflex M / FMP 4x	PA	1.02.06	1.02.06	✓	✓
		Levelflex M / FMP 4x	V4.xx	Levelflex M / FMP 4x	PA	1.04.00	1.04.00	✓	✓
		Liquiphant M/S /FTL 5x/7x	V1.0..V1.2	Liquiphant M/S / FTL 5x/7x	PA	1.2	1.2	✓	✓
		Liquiphant M/S / FTL 5x/7x	V1.3	Liquiphant M/S / FTL 5x/7x	PA	1.3	1.3	✓	✓
		Micropilot M / FMR 25x	V04.00	Micropilot M / FMR 25x	PA	1.04.00	1.04.00	✓	✓
		Micropilot M / FMR 2xx	V4.xx	Micropilot M / FMR 2xx	PA	1.04.00	1.04.00	✓	✓
		Micropilot M / FMR 2xx	V5.xx	Micropilot M / FMR 2xx	PA	1.05.00	1.05.00	✓	✓
		Prosonic M / FMU 4x	V4.xx	Prosonic M / FMU 4x	PA	1.04.00	1.04.00	✓	✓
		Prosonic S / FMU90	V2.01.xx	Prosonic S / FMU90	DP	2.01.00	2.01.00	✓	✓
		Prosonic S / FMU95	V1.01.xx	Prosonic S / FMU95	DP	1.01.00	1.01.00	✓	✓
	Vega	VEGACAL 60 Series Capacitive DTM	1.65.0.0	VegaCal 62	PA	1	2-0-0-0	✓	✓
		VEGAFLEX60 Series Microwave DTM	1.65.0.0	VegaFlex 61	PA	3.22	1-0-0-0	✓	✓
		VEGASON 60 Series Ultrasonic DTM	1.65.0.0	VegaSon 61	PA	3.26	-/-	✓	✓
		VEGAPULS60 Series Radar DTM	1.65.0.0	VEGAPULS62	PA	3.07	1-0-0-0	✓	✓
		VEGAPULS60 Series Radar DTM	1.65.0.0	VEGAPULS62	PA	4.0	2.1.1	✓	✓

Category	Vendor	DTM Type		DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Positioner	ABB	TZIDC - 110/210		01.00.20	TZIDC-110, TZIDC-210	PA	1.11	Rev.B	✓	✓
	Samson	3785 PA Profile3		1.0.10	3785	PA	K2.12 R 1.42	E2.12 M 2.01	✓	✓
		Samson 3730-4		1.2.4.10	3730-4	PA	R1.43-1.44	K1.00-1.10	✓	✓
		Samson 3730-4		1.3.0.2	3730-4	PA	R1.45-1.49	K1.15-1.19	✓	✓
Pressure	ABB	266-PdP-PA		05.00.01	266-PdP	PA	07.01.0.3	01.00.00	✓	⊘
		HI2600-PA		01.00.04	262/264 / 2600T Series	PA	3	1	✓	✓
		MV2600-PA		01.02.05	267CS / 2600T Series	PA	0.23	1	✓	✓
		TO2600-PA		01.02.05	265DS / 2600T Series	PA	0.24	1	✓	✓
	Endress+ Hauser	Cerabar S/PMx 7x		V03.00.10	Cerabar S/PMx 7x	PA	VU 33x 01.01.04	01.00.00	✓	✓
		Deltabar S / xMD 7x		V03.00.10	Deltabar S / xMD 7x	PA	3.00.10	3.00.10	✓	✓
	Vega	VEGABAR 50/60 Series Pressure / Hydrostatic DTM		1.65.0.0	VegaBar 61	PA	3.22	1-0-0-0	✓	✓
Remote IO	ABB	S800	CI801	Refer to Table 1	CI840 DP Gateway	DP	1.x	-/-	✓	✓
			CI840	Refer to Table 1	CI801 DP Gateway	DP	3.x / 4.x	-/-	✓	✓
			AI810	Refer to Table 1	AI810 Analog Input	-/-	-/-	-/-	✓	✓
			AI815	Refer to Table 1	AI815 Analog Input	-/-	-/-	-/-	✓	✓
			AI820	Refer to Table 1	AI820 Analog Input	-/-	-/-	-/-	✓	✓
			AI825	Refer to Table 1	AI825 Analog Input	-/-	-/-	-/-	✓	✓
			AI830	Refer to Table 1	AI830 Analog Input for RTD	-/-	-/-	-/-	✓	✓
			AI835	Refer to Table 1	AI835 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI843	Refer to Table 1	AI843 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI845	Refer to Table 1	AI845 Analog Input / HART	-/-	-/-	-/-	✓	✓
			AI890	Refer to Table 1	AI890 Analog Input for Intrinsic Safety	-/-	-/-	-/-	✓	✓
			AI893 RTD	Refer to Table 1	AI893 Analog Input for RTD	-/-	-/-	-/-	✓	✓
			AI893 TC	Refer to Table 1	AI893 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI895	Refer to Table 1	AI895 Analog Input / HART	-/-	-/-	-/-	✓	✓
			AO810	Refer to Table 1	AO810 Analog Output	-/-	-/-	-/-	✓	✓
			AO815	Refer to Table 1	AO815Analog Output	-/-	-/-	-/-	✓	✓
			AO820	Refer to Table 1	AO820 Analog Output	-/-	-/-	-/-	✓	✓
			AO845	Refer to Table 1	AO845 Analog Output / HART	-/-	-/-	-/-	✓	✓
			AO890	Refer to Table 1	AO890 Analog Output	-/-	-/-	-/-	✓	✓
			AO895	Refer to Table 1	AO895 Analog Output / HART	-/-	-/-	-/-	✓	✓

Category	Vendor	DTM Type		DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Remote IO Cont..	ABB Cont..	S800 Cont..	DI810	Refer to Table 1	DI810 Digital Input	-/-	-/-	-/-	✓	✓
			DI811	Refer to Table 1	DI811 Digital Input	-/-	-/-	-/-	✓	✓
			DI814	Refer to Table 1	DI814 Digital Input	-/-	-/-	-/-	✓	✓
			DI820	Refer to Table 1	DI820 Digital Input	-/-	-/-	-/-	✓	✓
			DI821	Refer to Table 1	DI821 Digital Input	-/-	-/-	-/-	✓	✓
			DI840	Refer to Table 1	DI840 Digital Input	-/-	-/-	-/-	✓	✓
			DI890	Refer to Table 1	DI890 Digital Input	-/-	-/-	-/-	✓	✓
			DO810	Refer to Table 1	DO810 Digital Output	-/-	-/-	-/-	✓	✓
			DO814	Refer to Table 1	DO814 Digital Output	-/-	-/-	-/-	✓	✓
			DO815	Refer to Table 1	DO815 Digital Output	-/-	-/-	-/-	✓	✓
			DO820	Refer to Table 1	DO820 Digital Output	-/-	-/-	-/-	✓	✓
			DO821	Refer to Table 1	DO821 Digital Output	-/-	-/-	-/-	✓	✓
			DO840	Refer to Table 1	DO840 Digital Output	-/-	-/-	-/-	✓	✓
			DO890	Refer to Table 1	DO890 Digital Output	-/-	-/-	-/-	✓	✓
			DP820	Refer to Table 1	DP820 Pulse Counter	-/-	-/-	-/-	✓	✓
			DP840	Refer to Table 1	DP840 Pulse Counter	-/-	-/-	-/-	✓	✓
		S900	CI920	Refer to Table 1	CI920 DP Gate-way	DP	-/-	-/-	✓	✓
			AI910	Refer to Table 1	AI910 Analog Input	-/-	-/-	-/-	✓	✓
			AI920	Refer to Table 1	AI920 Analog Input	-/-	-/-	-/-	✓	✓
			AI930	Refer to Table 1	AI930 Analog Input	-/-	-/-	-/-	✓	✓
			AI931	Refer to Table 1	AI931 Analog Input	-/-	-/-	-/-	✓	✓
			AI950	Refer to Table 1	AI950 Analog Input	-/-	-/-	-/-	✓	✓
			AO910	Refer to Table 1	AO910 Analog Output	-/-	-/-	-/-	✓	✓
			AO920	Refer to Table 1	AO920 Analog Output	-/-	-/-	-/-	✓	✓
			AO930 9)	Refer to Table 1	AO930 Analog Output	-/-	-/-	-/-	✓	✓
			DO910	Refer to Table 1	DO910 Digital Output	-/-	-/-	-/-	✓	✓
			DP930 18)	Refer to Table 1	DO930 Digital Output	-/-	-/-	-/-	✓	✓
			DP910 16)	Refer to Table 1	DP910 Pulc Counter	-/-	-/-	-/-	✓	✓
			DX910	Refer to Table 1	DX910 Digital Input/Output	-/-	-/-	-/-	✓	✓
Temperature	ABB	TF12/TF212		1.0.25	TF12	PA	1.16	0078-1C2C	✓	✓
		TTX300		05.00.00	TTX300	PA	01.00.02	01.00.00	✓	⊘

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Temperature Cont..	Endress+ Hauser	iTEMP/TMT84	V1.00.xx	iTemp/TMT 184	PA	1.00.00	1.00.00	✓	✓
		iTemp/TMT 162	V1.01.xx	iTemp/TMT 162	PA	1.01.02	-/-	✓	✓
		iTemp/TMT 184	V1.0 - 1.1	iTemp/TMT 184	PA	8211	1.00.08	✓	✓
		iTemp/TMT 184	V1.1	iTemp/TMT 184	PA	1.01.00	1.01.00	✓	✓
	PR Electronics	PRetop 5350 PROFI-BUS Dtm	1.20.1006	Pretop5350	PA	V2.03PA01	53509004	✓	✓
		PRetrans 6350 PROFI-BUS Dtm	1.20.1006	Pretrans6350	PA	V2.03PA01	53509004	✓	✓
Various	Pepperl +Fuchs	Collection FieldConnex 1.3.6.0	1.5.97.6	FD0-VC-Ex4	PA	1.4	1.2	✓	✓

Table 1. S800 / S900 DTM and firmware

System Version	S800 Remote IO				S900 Remote IO	
	DTM Version	Firmware Version			DTM Version	Firmware Version
		CI830	CI840	CI801		CI 920
CSV2.11D	N/A	N/A	N/A	N/A	2.4.4	1.4.2
CSV4.00E	2.2	N/A	3.3 / 8	N/A	2.4.4/2.8.4	1.4.2/1.5.8
CSV4.00ERU2	2.3SP1	N/A	3.3 / 8	1.2.3	2.8.4	1.5.8
CSV5.00C	2.3SP1	N/A	3.3 / 8	1.2.3	2.8.5SP1	1.5.9
CSV5.1A	N/A	N/A	N/A	N/A	2.9.2	1.5.9
CSV5.1B	5.2	N/A	4.0/3	1.3/0	2.9.2	1.5.9
CSV5.2B	5.2	N/A	4.0/3	1.3/0	2.9.2	1.5.9
CSV5.3	5.3.0	N/A	4.0/3	1.3/0	3.0.0	1.5.9

The following Device Type Manager is interoperable with the Symphony Melody and Symphony Plus versions listed below.

Symphony Melody

Symphony Melody CSV 4.0 E Rollup

Symphony Melody CSV 5.0 C

Symphony Melody CSV 5.1A

Symphony Melody CSV 5.2B

Symphony Plus

Symphony Plus CSV 5.3

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	S+
Generic	All	Basic PROFIBUS DTM	5.1	Generic	DP/PA	-	-	✓	✓
Drives	ABB	UMC 22	4.1.0/3	UMC22 V3.3	DP	V3.3	NA	✓	✓
		ABB GPB/DP PDQ22-FBP (V1) UMC22 V4.0	5.1.1/0 (5.1.2732.24336)	UMC22 V4.0	DP	V1.0	V1.0	✓	✓
		ABB GPB/DP PDP22-FBP (V1) PR222 DS/PD	5.1.1/0 (5.1.2732.24336)	PR222 DS/PD	DP	V1.0	V1.0	✓	✓
		ABB GPB/DP PDP22-FBP (V1) PR122/ PR123/PR332/PR333	5.1.1/0 (5.1.2732.24336)	PR122/PR123/ PR332/PR333	DP	513	-/-	✓	✓

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