

Revision : July 2010

The following Device Type Managers are interoperable with the beneath listed Freelance 800F and AC870P / Melody versions. Please see the M column for DTMs interoperable with AC870P / Melody and the F column for those interoperable with Freelance 800F.

Freelance 800F

Freelance 7.2

Freelance 7.2 SP1

Freelance 8.1

Freelance 8.1 SP1

Freelance 8.2

Freelance 9.1

AC870P / Melody

AC870P / Melody CSV2.11 D

AC870P / Melody CSV 4.0 E

AC870P / Melody CSV 4.0 E Rollup 1

AC870P / Melody CSV 4.0 E Rollup 2

AC870P / Melody CSV 5.0 C

AC870P / Melody CSV 5.1A

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Actuator	AUMA	AUMATIC AC01.1	2.001	AUMATIC AC01.1	DP	Z031.922/08-01	Z031.773/03	✓	✓
	EMG Drehmo	Drehmo IMatic	2.00.005	IMatic	DP	V1.05.0052	2	✓	⊗
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	FMT500-DP	1.0.29	FMT500-IG (Sensyflow 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	✓	✓

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Flow Cont..	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-DP	V2.03.00	Promag / 53	DP	2.03.00	2.03.00	✓	⊗
		Promag / 53-PA	V2.00.01..V2.02.02	Promag / 53	PA	2.02.02	2.02.02	✓	⊗
		Promag / 53-PA	V2.03.00	Promag / 53	PA	2.03.00	2.03.00	✓	⊗
		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	✓	⊗
		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	✓	⊗
		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	2125910100A	✓	✓
			1.02.0001	H250 ESK 3	PA	1.01 / 000418	2125910100A	✓	✓
		UFC030	01.02.002	UFC030(UFM30)	PA	01.13/031010	21131100400	✓	✓
Level	Endress+Hauser	FMR 2xx Micropilot M	V2.00	FMR 2xx Micropilot M	PA	01.02.04	-/-	✓	✓
		Gammapiot M / FMG 60	V1.xx	Gammapiot 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	✓	✓

Category	Vendor	DTM Type	DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Level Cont..	Vega	VEGACAL 60 Series Capacitive DTM	1.55.0.0	VegaCal 62	PA	1	2-0-0-0	✓	⊗
		VEGAFLEX60 Series Microwave DTM	1.55.0.0	VegaFlex 61	PA	3.22	1-0-0-0	✓	✓
		VEGASON 60 Series Ultrasonic DTM	1.55.0.0	VegaSon 61	PA	3.26	-/-	✓	✓
		VEGAPULS60 Series Radar DTM	1.55.0.0	VegaPuls 62	PA	3.07	1-0-0-0	✓	✓
Positioner	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	✓	✓
		TZIDC - 110/210	01.00.20	TZIDC-110, TZIDC-210	PA	1.11	Rev.B	✓	✓
	Foxboro	SRD991	V2	SRD991	PA	16.136	3	⊗	✓
	NAF	NAF-LINKIT	V2	370991	PA	10.245	3	⊗	✓
	Pepperl +Fuchs	Collection FieldConnex 1.3.6.0	1.5.97.6	FD0-VC-Ex4	PA	1.4	1.2	✓	✓
	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	✓	⊗
Pressure	ABB	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	1.55.0.0	VegaBar 61	PA	3.22	1-0-0-0	✓	✓

Category	Vendor	DTM Type		DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Remote IO	ABB	S800	CI801	Refer to Table 1 & Table 2	CI840 DP Gateway	DP	1.x	-/-	✓	✓
			CI840	Refer to Table 1 & Table 2	CI801 DP Gateway	DP	3.x / 4.x	-/-	✓	✓
			AI810	Refer to Table 1 & Table 2	AI810 Analog Input	-/-	-/-	-/-	✓	✓
			AI815	Refer to Table 1 & Table 2	AI815 Analog Input	-/-	-/-	-/-	✓	✓
			AI820	Refer to Table 1 & Table 2	AI820 Analog Input	-/-	-/-	-/-	✓	✓
			AI825	Refer to Table 1 & Table 2	AI825 Analog Input	-/-	-/-	-/-	✓	✓
			AI830	Refer to Table 1 & Table 2	AI830 Analog Input for RTD	-/-	-/-	-/-	✓	✓
			AI835	Refer to Table 1 & Table 2	AI835 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI843	Refer to Table 1 & Table 2	AI843 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI845	Refer to Table 1 & Table 2	AI845 Analog Input / HART	-/-	-/-	-/-	✓	✓
			AI890	Refer to Table 1 & Table 2	AI890 Analog Input for Intrinsic Safety	-/-	-/-	-/-	✓	✓
			AI893 RTD	Refer to Table 1 & Table 2	AI893 Analog Input for RTD	-/-	-/-	-/-	✓	✓
			AI893 TC	Refer to Table 1 & Table 2	AI893 Analog Input for TC	-/-	-/-	-/-	✓	✓
			AI895	Refer to Table 1 & Table 2	AI895 Analog Input / HART	-/-	-/-	-/-	✓	✓
			AO810	Refer to Table 1 & Table 2	AO810 Analog Output	-/-	-/-	-/-	✓	✓
			AO815	Refer to Table 1 & Table 2	AO815 Analog Output	-/-	-/-	-/-	✓	✓
			AO820	Refer to Table 1 & Table 2	AO820 Analog Output	-/-	-/-	-/-	✓	✓
			AO845	Refer to Table 1 & Table 2	AO845 Analog Output / HART	-/-	-/-	-/-	✓	✓
			AO890	Refer to Table 1 & Table 2	AO890 Analog Output	-/-	-/-	-/-	✓	✓
			AO895	Refer to Table 1 & Table 2	AO895 Analog Output / HART	-/-	-/-	-/-	✓	✓
			DI810	Refer to Table 1 & Table 2	DI810 Digital Input	-/-	-/-	-/-	✓	✓

Category	Vendor	DTM Type		DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Remote IO cont..	ABB cont..	S800 cont..	DI811	Refer to Table 1 & Table 2	DI811 Digital Input	-/-	-/-	-/-	✓	✓
			DI814	Refer to Table 1 & Table 2	DI814 Digital Input	-/-	-/-	-/-	✓	✓
			DI820	Refer to Table 1 & Table 2	DI820 Digital Input	-/-	-/-	-/-	✓	✓
			DI821	Refer to Table 1 & Table 2	DI821 Digital Input	-/-	-/-	-/-	✓	✓
			DI840	Refer to Table 1 & Table 2	DI840 Digital Input	-/-	-/-	-/-	✓	✓
			DI890	Refer to Table 1 & Table 2	DI890 Digital Input	-/-	-/-	-/-	✓	✓
			DO810	Refer to Table 1 & Table 2	DO810 Digital Output	-/-	-/-	-/-	✓	✓
			DO814	Refer to Table 1 & Table 2	DO814 Digital Output	-/-	-/-	-/-	✓	✓
			DO815	Refer to Table 1 & Table 2	DO815 Digital Output	-/-	-/-	-/-	✓	✓
			DO820	Refer to Table 1 & Table 2	DO820 Digital Output	-/-	-/-	-/-	✓	✓
			DO821	Refer to Table 1 & Table 2	DO821 Digital Output	-/-	-/-	-/-	✓	✓
			DO840	Refer to Table 1 & Table 2	DO840 Digital Output	-/-	-/-	-/-	✓	✓
			DO890	Refer to Table 1 & Table 2	DO890 Digital Output	-/-	-/-	-/-	✓	✓
			DP820	Refer to Table 1 & Table 2	DP820 Pulse Counter	-/-	-/-	-/-	✓	✓
			DP840	Refer to Table 1 & Table 2	DP840 Pulse Counter	-/-	-/-	-/-	✓	✓
		S900	CI920	Refer to Table 1 & Table 2	CI920 DP Gateway	DP	-/-	-/-	✓	✓
			AI910	Refer to Table 1 & Table 2	AI910 Analog Input	-/-	-/-	-/-	✓	✓
			AI920	Refer to Table 1 & Table 2	AI920 Analog Input	-/-	-/-	-/-	✓	✓
			AI930	Refer to Table 1 & Table 2	AI930 Analog Input	-/-	-/-	-/-	✓	✓

Category	Vendor	DTM Type		DTM	Device Type	PROFIBUS Protocol	Device FW	Device HW	M	F
Remote IO Cont..	ABB Cont..	S900 Cont..	AI931	Refer to Table 1 & Table 2	AI931 Analog Input	-/-	-/-	-/-	✓	✓
			AI950	Refer to Table 1 & Table 2	AI950 Analog Input	-/-	-/-	-/-	✓	✓
			AO910	Refer to Table 1 & Table 2	AO910 Analog Output	-/-	-/-	-/-	✓	✓
			AO920	Refer to Table 1 & Table 2	AO920 Analog Output	-/-	-/-	-/-	✓	✓
			AO930 9)	Refer to Table 1 & Table 2	AO930 Analog Output	-/-	-/-	-/-	✓	✓
			DO910	Refer to Table 1 & Table 2	DO910 Digital Output	-/-	-/-	-/-	✓	✓
			DP930 18)	Refer to Table 1 & Table 2	DO930 Digital Output	-/-	-/-	-/-	✓	✓
			DP910 16)	Refer to Table 1 & Table 2	DP910 Pulc Counter	-/-	-/-	-/-	✓	✓
			DX910	Refer to Table 1 & Table 2	DX910 Digital Input/Output	-/-	-/-	-/-	✓	✓
Temperature	ABB	TF12/TF212		1.0.25	TF12	PA	1.16	0078-1C2C	✓	✓
	Endress+Hauser	iTemp/TMT 184		V1.0 - 1.1	iTemp/TMT 184	PA	8211	1.00.08	✓	✓
		iTEMP/TMT84		V1.00.xx	iTemp/TMT 184	PA	1.00.00	1.00.00	✓	✓
		iTemp/TMT 184		V1.1	iTemp/TMT 184	PA	1.01.00	1.01.00	✓	⊗
	PR Electronics	PRetop 5350 PROFIBUS Dtm		1.20.1006	Pretop5350	PA	V2.03PA01	53509004	✓	✓
		PRetrans 6350 PROFIBUS Dtm		1.20.1006	Pretrans6350	PA	V2.03PA01	53509004	✓	✓

Table 1. S800 / S900 DTM and firmware for Freelance 800F

Freelance 800F System Version	S800 Remote IO					S900 Remote IO	
	DTM Version	Firmware Version			DTM Version	Firmware Version	
		CI830	CI840	CI801		CI 920	
8.1 SP1	2.3 SP2	1.0 / 1	3.3 / 8	1.2 / 4	2.8.5 SP1	1.5.9	
8.2	2.3 SP2	1.0 / 1	3.3 / 8	1.2 / 4	2.8.5 SP1	1.5.9	
9.1	5.2	1.0 / 1	4.0 / 1	1.3 / 0	2.9.2	1.5.9	
9.1 RU1a	5.2	1.0 / 1	4.0 / 1	1.3 / 0	2.9.2	1.5.9	

Table 2. S800 / S900 DTM and firmware for Melody AC870P

AC870P Melody 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

The following Device Type Manager is interoperable with the beneath listed Freelance 800F and AC870P / Melody versions.

Freelance 800F

Freelance 8.1

Freelance 8.1 SP1

Freelance 8.2

Freelance 9.1

AC870P / Melody

AC870P / Melody CSV 4.0 E Rollup

AC870P / Melody CSV 5.0 C

AC870P / Melody CSV 5.1A

Category	Vendor	DTM Type	DTM	Device Type 1)	PROFIBUS Protocol	Device FW	Device HW	M	F
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	-/-	✓	✓

For the latest information on ABB visit us on the World Wide Web at <http://www.abb.com>



Automation Technologies
Västerås, Sweden
Phone: +46 (0) 21 34 20 00
Fax: +46 (0) 21 13 78 45
www.abb.com/controlsystems
e-mail: processautomation@se.abb.com

Automation Technologies
Wickliffe, Ohio, USA
Phone: +1 440 585 8500
Fax: +1 440 585 8756
www.abb.com/controlsystems
e-mail: industrialitsolutions@us.abb.com

Automation Technologies
Mannheim, Germany
Phone: +49 (0) 1805 26 67 76
Fax: +49 (0) 1805 77 63 29
www.abb.de/controlsystems
e-mail: marketing.control-products@de.abb.com

3BDD011925

© Copyright 2005 - 2010 ABB. All rights reserved.

Specifications subject to change without notice. Pictures, schematics, and other graphics contained herein are published for illustration purposes only and do not represent product configurations or functionality. User documentation accompanying the product is the exclusive source for functionality descriptions.

The Industrial^{IT} wordmark, Aspect Objects, and all above-mentioned names in the form XXXXXX^{IT} are registered or pending trademarks of ABB. All rights to other trademarks reside with their respective owners.