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DATA SHEET

# System 800xA Device Management

## Integrated HART Devices





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### **Introduction**

This document consists summary of released device types for HART protocol in ABB System 800xA. Detail information about corresponding HART device libraries is available from the detailed data sheet (2PAA101319) inside ABB library.

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**Integrated device List:**

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Actuator	ABB	PME120 (Contract)	Electrical Actuator	1	0x16	0x87
Analytical	ABB	AZ20/AZ30	O2 Analyzer	0	0x1A	0x34
		TB82EC-Combined	4-Electrode Cond. 2-wire, IS, Field	1	0x1A	0x24
		TB82PH	pH	1	0x12	0x50
		TB82PH-Combined	pH/ORP 2-wire	1	0x1A	0x23
		TB82TC-Combined	Toroidal Cond. 2-wire, IS, Field	1	0x1A	0x26
		TB82TE-Combined	2-Electrode Cond. 2-wire, IS, Field	1	0x1A	0x25
	Autronica	AutroPoint HC200	Infrared Hydrocarbon Gas Detector	2	0x008F	0x8F7F
	Berthold Technologies	LB491 Uniprobe*	Radiometric Density	2	0xA1	0x7D
Detector Electronics		Eclipse*	IR Gas Detector	1	0x8F	0x7F
		Eclipse OPECL RX*	Open Path IR Gas Detector	1	0x8F	0x7E
		GT3000*	Electrochemical Toxic Gas Detector	1	0x8F	0x7B
		UD10	Universal Display Unit	2	0x8F	0x7A
		X3301*	Flame Detector	1	0x8F	0x7C
Draeger Safety		Flame 5000	Gas detector	1	0x52	0xE6
		Polytron 7000	Gas Detector	1	0x52	0xEB
		Polytron 8000	Gas Detector	1	0x0052	0x52E8
				2	0x0052	0x52E8
		Polytron IR*	Gas Detector	1	0x52	0xED
		Polytron PULSAR	Gas Detector	1	0x52	0xEA
Pulsar 7x00	Gas Detector	2	0x0052	0x52EF		
Endress+Hauser		Liquiline Cond / CM 42 / FW 2.01.zz	Conductivity	1	0x0011	0x11A1
		Liquiline Cond / CM 42 / FW 2.02.zz	Conductivity	2	0x0011	0x11A1
		Liquiline Cond / CM42 / FW 2.04.zz	Conductivity	4	0x0011	0x11A1
		Liquiline M Cci / CM42 / V13.04.07	Conductivity	14	0x11	0x90
		Liquiline M Cci / CM42 / V13.05.xx	Conductivity	15	0x11	0x90
		Liquiline M DO / CM42 / V20.02.07	Dissolved Oxygen	21	0x11	0x9B
		Liquiline M DO / CM42 / V20.03.xx	Dissolved Oxygen	22	0x11	0x9B

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)		
Analytical (Continued)	Endress+Hauser (continued)	Liquiline M pH-ORP / CM42 / V10.04.07	pH and ORP Analyzer	11	0x11	0x8F		
		Liquiline M pH-ORP / CM42 / 10.05.xx	pH and ORP Analyzer	12	0x11	0x8F		
		Liquiline Oxygen / CM 42 / FW 2.01.zz	Liquid Oxygen Analyzer	1	0x0011	0x11A2		
		Liquiline Oxygen / CM 42 / FW 2.02.zz	Liquid Oxygen Analyzer	2	0x0011	0x11A2		
		Liquiline Oxygen / CM42 / FW 2.04.zz	Liquid Oxygen Analyzer	4	0x0011	0x11A2		
		Liquiline pHORP / CM 42 / FW 2.01.zz	pH and ORP Analyzer	1	0x0011	0x11A0		
		Liquiline pHORP / CM 42 / FW 2.02.zz	pH and ORP Analyzer	2	0x0011	0x11A0		
		Liquiline pHORP / CM42 / FW 2.04.zz	pH and ORP Analyzer	4	0x0011	0x11A0		
		Liquisys M PH / CPM 2x3 / V2.50	pH and ORP Analyzer	1	0x11	0x91		
		Liquisys M Turbidity / (CUM) 2x3 / V2.40	Turbidity Transmitter	1	0x11	0x95		
		Mycom S PH / CPM 153 / V2.30	pH Transmitter	2	0x11	0x98		
		Mycom S Cond. C / CLM153 / V1.20	Conductivity	1	0x11	0x99		
		Mypro Cond. C / CLx 431 / V2.05	Conductivity	2	0x11	0x8D		
		Mypro Cond. I / CLx 431 / V2.10	Conductivity	2	0x11	0x8E		
		Smartec S / CLD 132 / V1.11	Conductivity	1	0x11	0x97		
		Knick		2211 Cond*	Conductivity Transmitter	1	0X61	0xEA
				2211 Oxy	Oxygen (DO)	1	0X61	0xE9
				2211 pH*	pH/ORP Transmitter	1	0X61	0xEB
				2212 CondI*	Conductivity	2	0X61	0xE8
		Metso		SMARTPULP	Consistency	3	0x2F	0x3C
Mettler Toledo		Cond 7100*	Conductivity	2	0x8E	0x7A		
		Cond I 7100*	Inductive Conductivity	2	0x8E	0x78		
		O2 4100*	Dissolved Oxygen	1	0x8E	0x79		
		pH 2100*	pH/ORP	2	0x8E	0x7B		
Rosemount		1056	Analytical, PH	2	0x2E	0x55		
		1066	Liquid Multi-Parameter Transmitter	1	0x2E	0x21		
		5081pH*	pH/ORP Transmitter	2	0x2E	0x1A		

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Analytical (Continued)	Rosemount (Continued)	54eC*	Conductivity Analyzer / CONTROLLER	1	0x2E	0x51
	Simtronics	GD10P	IR Gas Detector	0	0x603F	0xE0F7
	Yokogawa	FLXA21/202-ISC	Inductive Conductivity	2	0x37	0x5A
		FLXA21/202-PH	pH and ORP Analyzer	2	0x37	0x58
		FLXA21/202-SC	Contacting Conductivity	2	0x37	0x59
		ISC202*	Conductivity	1	0x37	0x14
		PH202*	Conductivity	1	0x37	0x15
		SC202*	Conductivity	1	0x37	0x16
		ZR402*	Zirconia Oxygen	1	0x37	0x0D
		Flow	ABB	FAM5400 / AM54	Variable Area Flowmeter	0
FCM2000 (TRIO-MASS)	Coriolis Mass Flowmeter	0		0x12	0x13	
FEX100	Electromagnetic Flow	0		0x1A	0x1F	
FEX300	Electromagnetic Flow	0		0x1A	0x1E	
FMT 500-IG	Thermal Mass Flowmeter	1		0x1A	0x1C	
FSM4000	Electromagnetic Flow	0		0x1A	0x1D	
FSX400	Vortex / Swirl Flowmeter	1		0x001A	0x1AA3	
FV4000 / FS4000 (Trio - Wirl)	Vortex Flowmeter	0		0x1A	0x1A	
FXE4000 (COPA-XE / MAG-XE)	Electromagnetic Flow	0		0x12	0x08	
Azbil VorTek	Pro-V	Mass Flow Meter		6	0x87	0x01
Bopp + Reuther Messtechnik	ES*	Variable Area Flowmeter		2	0x6C	0xEC
	UMC2	Coriolis Mass Flowmeter		3	0x6C	0xEB
	UMF	Electromagnetic Flowmeter		1	0x6C	0xEA
	UST1	Oval-wheel / Turbine meter		7	0x6C	0xEF
Brooks	MT3809*	Variable Area Flowmeter		1	0x0A	0x02
Endress+Hauser	Promag / 10 / V1.02.00	Magnetic Flowmeter		3	0x11	0x45
	Promag / 10 / V1.03.00	Magnetic Flowmeter		4	0x11	0x45
	Promag / 23 / V2.02.00 ... V2.03.00	Magnetic Flowmeter		2	0x11	0x46
	Promag / 50 / V1.06.0x	Magnetic Flowmeter		4	0x11	0x41
	Promag / 50 / V2.00.00	Magnetic Flowmeter		5	0x11	0x41

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Flow (Continued)	Endress+Hauser (Continued)	Promag / 50 / V2.01.xx	Magnetic Flowmeter	6	0x11	0x41
		Promag / 50 / V2.02.xx	Magnetic Flowmeter	7	0x11	0x41
		Promag / 50 / V2.03.xx	Magnetic Flowmeter	8	0x11	0x41
		Promag / 50 / 2.04.zz	Magnetic Flowmeter	9	0x11	0x41
		Promag / 51 / V2.00.0x	Magnetic Flowmeter	5	0x11	0x43
		Promag / 51 / V2.02.xx	Magnetic Flowmeter	7	0x11	0x43
		Promag / 51 / V2.03.xx	Magnetic Flowmeter	8	0x11	0x43
		Promag / 51 / 2.04.zz	Magnetic Flowmeter	9	0x11	0x43
		Promag / 53 / V2.00.00	Magnetic Flowmeter	5	0x11	0x42
		Promag / 53 / V1.06.00 ... V1.06.01	Magnetic Flowmeter	4	0x11	0x42
		Promag / 53 / V2.02.xx	Magnetic Flowmeter	7	0x11	0x42
		Promag / 53 / 2.03.zz	Magnetic Flowmeter	8	0x11	0x42
		Promag / 53 / FW 2.07.zz	Magnetic Flowmeter	9	0x0011	0x1142
		Promag / 55 / V1.01.xx	Magnetic Flowmeter	2	0x11	0x44
		Promag / 55 / V1.02.xx	Magnetic Flowmeter	3	0x11	0x44
		Promag / 55 / 1.03.zz	Magnetic Flowmeter	4	0x11	0x44
		Promag 100 / 5x1B / FW 1.01.zz	Electromagnetic Flowmeter	2	0x0011	0x113A
		Promag 200 / 5x2B / FW 1.01.zz	Magnetic Flowmeter	2	0x0011	0x1148
		Promag 300 500 / 5x3x 5x5x / FW 1.00.zz	Electromagnetic Flowmeter	1	0x0011	0x113C
		Promag 300 500 / 5x3x 5x5x / FW 1.01.zz	Electromagnetic Flowmeter	2	0x0011	0x113C
		Promag 400 / 5x4C / FW 1.05.zz	Electromagnetic Flowmeter	6	0x0011	0x1167
		Promag 400 / 5x4C / FW 2.00.zz	Electromagnetic Flowmeter	8	0x0011	0x1169
		Promass / 40 / V2.02.0x	Coriolis Mass Flowmeter	8	0x11	0x53
		Promass / 63 / V3.03.01	Coriolis Mass Flowmeter	4	0x11	0x34
		Promass / 80 / V1.06.0x	Coriolis Mass Flowmeter	5	0x11	0x50
		Promass / 80 / V2.02.0x	Coriolis Mass Flowmeter	8	0x11	0x50
		Promass / 80 / V3.01.0x	Coriolis Mass Flowmeter	9	0x11	0x50
Promass / 83 / V1.06.0x	Coriolis Mass Flowmeter	5	0x11	0x51		
Promass / 83 / V2.00.0x	Coriolis Mass Flowmeter	6	0x11	0x51		

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Flow (Continued)	Endress+Hauser (Continued)	Promass / 83 / V2.01.0x	Coriolis Mass Flowmeter	7	0x11	0x51
		Promass / 83 / V2.02.xx	Coriolis Mass Flowmeter	8	0x11	0x51
		Promass / 83 / V3.01.0x	Coriolis Mass Flowmeter	9	0x11	0x51
		Promass / 83 / FW 3.07.zz	Coriolis Mass Flowmeter	10	0x0011	0x1151
		Promass 200 / 8x2B / FW 1.03.zz	Coriolis Mass Flowmeter	4	0x0011	0x1154
		Promass 200 / 8x2B / FW 1.04.zz	Coriolis Mass Flowmeter	5	0x0011	0x1154
		Promass 300 500 / 8x3x 8x5x / FW 1.00.zz	Coriolis Mass Flowmeter	1	0x0011	0x113B
		Promass 300 500 / 8x3x 8x5x / FW 1.01.zz	Coriolis Mass Flowmeter	2	0x0011	0x113B
		Prosonic Flow / 90 / V2.01.0x	Ultrasonic Flowmeter	5	0x11	0x58
		Prosonic Flow / 91 / V1.01.xx	Ultrasonic Flowmeter	1	0x11	0x62
		Prosonic Flow / 92 / V1.00.xx	Ultrasonic Flowmeter	1	0x11	0x61
		Prosonic Flow / 93 / V1.06.0x	Ultrasonic Flowmeter	4	0x11	0x59
		Prosonic Flow / 93 / V2.00.0x	Ultrasonic Flowmeter	5	0x11	0x59
		Prosonic Flow / 93 / V2.01.0x	Ultrasonic Flowmeter	6	0x11	0x59
		Prosonic Flow / 93 / V2.02.0x	Ultrasonic Flowmeter	7	0x11	0x59
		Prosonic Flow / DMU93 / V1.01.00	Ultrasonic Flowmeter	2	0x11	0x40
		Prosonic Flow 100 / 9E1B / FW 1.00.zz	Ultrasonic Flowmeter	1	0x0011	0x115C
		Prosonic Flow B-200 V1.01.zz	Ultrasonic Flowmeter	1	0x11	0x5A
		Prosonic Flow B 200 / 9B2B / FW 1.02.zz	Ultrasonic Flowmeter	3	0x0011	0x115A
		Prowirl / 70 / ... V1.1.01	Vortex Flowmeter	1	0x11	0x33
		Prowirl / 72 / V1.00.00 ... V1.01.0x	Vortex Flowmeter	2	0x11	0x56
		Prowirl / 72 / V1.02.00	Vortex Flowmeter	3	0x11	0x56
		Prowirl / 72 / V1.03.xx	Vortex Flowmeter	4	0x11	0x56
		Prowirl / 72 / V1.04.00	Vortex Flowmeter	5	0x11	0x56
		Prowirl / 72 / V1.05.00	Vortex Flowmeter	6	0x11	0x56
		Prowirl / 72 / 1.06.zz	Vortex Flowmeter	7	0x11	0x56



Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Flow (Continued)	Endress+Hauser (Continued)	Prowirl / 73 / V1.03.0x	Vortex Flowmeter	4	0x11	0x57
		Prowirl / 73 / V1.05.0x	Vortex Flowmeter	6	0x11	0x57
		Prowirl / 73 / V1.06.zz	Vortex Flowmeter	7	0x11	0x57
		Prowirl 200 / 7x2B / FW 1.02.zz	Vortex Flowmeter	3	0x0011	0x1138
		Prowirl 200 / 7x2B / FW 1.03.zz	Vortex Flowmeter	4	0x0011	0x1138
		t-mass / 65 / V1.00.xx	Thermal Mass Flowmeter	1	0x11	0x65
		t-mass / 65 / V1.01.xx	Thermal Mass Flowmeter	2	0x11	0x65
		t-mass 150 / 6xABxx / FW 1.00.zz	Thermal Mass Flowmeter	1	0x0011	0x0066
		t-mass L T 150 / 6xAB / FW 1.00.zz	Thermal Mass Flowmeter	1	0x0011	0x0068
	FCI	ST98*	Thermal Mass Flowmeter	1	0xA6	0x78
		ST100	Thermal Mass Flowmeter	1	0xA6	0xA67F
	Flexim	Fluxus	Ultrasonic Flowmeter	3	0x6021	0xE0BD
	Foxboro	83 Series	Vortex Flowmeter	1	0x14	0x33
		CFT50*	Mass Flowmeter	2	0x14	0x34
		IMT25*	Magnetic Flowmeter	1	0x14	0x29
	GE Sensing	GF868	Ultrasonic Flowmeter	1	0x9D	0x70
		Sentinel SEN898	Ultrasonic Flowmeter	1	0x9D	0x7F
		XGS868	Ultrasonic Flowmeter	1	0x9D	0x70
	Krohne	H250/M9*	Variable Area Flowmeter	1	0x45	0xF2
ESK2A		Variable Area Flowmeter	1	0x45	0xE2	
IFC 040 (Altoflux 2W)		2-wire Electromagnetic Flowmeter	2	0x45	0xE9	
IFC 100		Electromagnetic Flow Meter	4	0x45	0xD9	
IFC 300 (for all OPTIFLUX sensors)		2	0x45	0xE3		
		3	0x45	0xE3		
MFC 300 (Optimass Series)*		Coriolis Mass Flowmeter	2	0x45	0xDD	
UFC 030 (UFM 3030)		Ultrasonic Flowmeter (3-beam)	2	0x45	0xE7	
VFM 31 (VFM 3100)*		Vortex Flowmeter	1	0x45	0xED	
Magnetrol	TA2*	Thermatel® Mass Flow	2	0x56	0xE9	

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Flow (Continued)	Micro Motion	2700R (Fisher)	Coriolis and Mass Flowmeter	3	0x1F	0x2A
		MVD Series 1000 IS Output*	Flow Transmitter	5	0x1F	0x27
				6	0x1F	0x27
		MVD Series 1000 Analog Output*	Flow Transmitter	6	0x1F	0x29
		MVD Series 1000 Analog Output	Flow Transmitter	7	0x001F	0x1F29
		MVD Series 2000 Analog Output	Coriolis Mass Flowmeter	7	0x1F	0x1F2A
		MVD Series 2000 Config IO*	Flow Transmitter	6	0x1F	0x24
		MVD Series 2000 Config IO	Flow Transmitter	7	0x001F	0x1F24
		MVD Series 2000 IS Output - 2700IS	Coriolis Mass Flowmeter	7	0x001F	0x1F26
		RFT9739*	Mass flow	4	0x1F	0x15
	Panametrics	XMT 868*	Ultrasonic Flowmeter	1	0x9D	0x70
	Rosemount	3051SMV*	Flow Transmitter	1	0x26	0x49
		3095MV*	Multivariable Mass Flowmeter	2	0x26	0x16
		8712	Flowmeter	2	0x26	0x37
		8712E	Flowmeter	3	0x26	0x57
		8732 (Magmeter)*	Flow Transmitter	7	0x26	0x04
		8732*	Flow Transmitter	2	0x26	0x3C
				3	0x26	0x3C
				4	0x26	0x3C
		8800C	Vortex Flowmeter	3	0x26	0x10
		8800D*	Vortex Flowmeter	2	0x26	0x3A
Siemens	MAG x000 Magflow	Magnetic Flowmeter	2	0x2A	0x18	
	SITRANS F US	Ultrasonic Flowmeter	1	0x2A	0x1E	
VorTek Instruments	M22-V	Mass Flowmeter	0	0x87	0x01	
	M22-VTP	Mass Flowmeter	5	0x87	0x01	
Yamatake	MagneW	Magnetic Flowmeter	1	0x36	0x01	
Yokogawa	ADMAG AM/AE/SE*	Magnetic Flow	2	0x37	0x08	
	AXFA11*	Magnetic Flow	1	0x37	0x50	
	AXFA14*	Magnetic FLOW	1	0x37	0x52	
	DYF*	Vortex Flow	2	0x37	0x0B	
			3	0x37	0x0B	
RAMC Rotameter*	Flowmeter	1	0x37	0x41		
Level	ABB	LWT300 series	Guided Wave Radar Level	1	0x001A	0x1A9E

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)	
Level (Continued)	Aplisens	SG-25	Hydrostatic Level Probe	1	0xBC	0x7A	
	BD SENSORS	LMK 358 H	Hydrostatic Level Measurement	1	0xB9	0x17	
	Berthold Technologies	LB490 Uniprobe*	Radiometric Level	3	0xA1	0x7F	
	Endress+Hauser	Deltapilot M 5x / FMB 5x / V1.00.xx	Deltapilot M 5x / FMB 5x / V1.00.xx	Hydrostatic level	1	0x11	0x23
			Deltapilot S / DB 5x / V2.0	Hydrostatic Level Transmitter	2	0x11	0x0B
			Deltapilot S / FMB 70 / V02.10.xx	Hydrostatic Level Transmitter	15	0x11	0x1A
			Deltapilot S / FMB 70 / FW 2.20.zz	Hydrostatic Level Transmitter	22	0x0011	0x001A
			Deltapilot S / FMB 70 / FW 2.30.zz	Hydrostatic Level Transmitter	23	0x0011	0x111A
			Gammapilot M / FMG 60 / V1.xx	Radiometric	1	0x11	0x13
			Gammapilot M / FMG 60 / V1.02.xx	Radiometric	2	0x11	0x13
			Levelflex / FMP 5x / 1.01.zz	Guider Radar	2	0x11	0x22
			Levelflex / FMP 5x / FW 1.02.zz	Guider Radar	3	0x0011	0x0022
			Levelflex / FMP 5x / FW 1.03.zz	Guider Radar	4	0x0011	0x1122
			Levelflex M / FMP 40 / V2.00	Guider Radar	2	0x11	0x12
			Levelflex M / FMP 4x / V1.08.00	Guider Radar	8	0x11	0x20
			Levelflex M / FMP 4x / V4.xx	Guider Radar	4	0x11	0x12
			Liquicap M / FMI 5x / 1.03.xx	Turbidity Transmitter	3	0x11	0x1D
			Micropilot	Micropilot / FMR20 / FW 1.00.zz	Micropilot / FMR20 / FW 1.00.zz	Radar level	1
	Micropilot FMR5x V1.00.00	Radar level			1	0x11	0x28
	Micropilot / FMR5x / FW 1.01.zz	Radar level			2	0x0011	0x1128
	Micropilot / FMR5x / FW 1.02.zz	Radar level			3	0x0011	0x1128
	Micropilot / FMR6x / FW 1.00.zz	Radar level			1	0x0011	0x112B
	Micropilot M / FMR 2xx / V2.00	Radar Level			2	0x11	0x0F
	Micropilot M / FMR 2xx / V4.xx	Radar Level			4	0x11	0x0F

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Level (Continued)	Endress+Hauser (Continued)	Micropilot M / FMR250 / V5.00	Radar Level	5	0x11	0x1E
		Micropilot S / FMR53x / V2.00	Radar Level	2	0x11	0x10
		Micropilot S / FMR54x / V1.01.xx	Radar Level	1	0x11	0x1F
		Proservo NMS530	Intelligent Liquid Level Gauge	3	0x11	0xB6
		Prosonic M / FMU 4x / V2.00	Level Ultrasonic (2 and 4 wire)	2	0x11	0x11
		Prosonic M / FMU 4x / V4.xx	Level Ultrasonic (2 and 4 wire)	4	0x11	0x11
		Prosonic S / FMU90 / V2.00.xx	Level Ultrasonic	2	0x11	0x1B
		Waterpilot 2x / FMX 21 / V1.00.xx	Hydrostatic level	1	0x11	0x24
ISE-Magtech		LTM-300	Magnetostrictive Transmitter	3	0x8C	0x89
		LTM-350	Magnetostrictive Transmitter	1	0x8C	0x8C8A
K-TEK		ATx00	Magnetostrictive Level	1	0x50	0x7A
		MT2000	Guided Wave Radar	1	0x50	0x98
Krohne		BM 70x	Radar Level	11	0x45	0xF9
		M10	Variable Area Flowmeter	2	0x45	0xEA
		M8E	Variable Area Flowmeter	1	0x45	0xE6
		Optiwave 5200C_F	Non-Contact Radar Level Meter	1	0x45	0xD0
Magnetrol		704*	Horizon™ Guided Wave Radar Trans	1	0x56	0xE7
		705 3.X	Guided Wave Radar Trans	1	0x56	0xE5
		705 3.X*	Guided Wave Radar Trans	1	0x56	0xE5
		705 3.X	Guided Wave Radar Trans	2	0x56	0xE5
		706	Level Transmitter	1	0x0056	0x56E0
		805*	KOTRON RF Capacitance	1	0x56	0xED
		DIGITAL ES II*	ModuLevel® Displacer	2	0x56	0xEF
		Jupiter*	Magnetostrictive Level Transmitter	3	0x56	0xE8
	Rx5	Pulsar™ Pulse Burst Radar Trans	4	0x56	0xE6	

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Level (Continued)	Masoneilan	12300 Series	Level Transmitter /Controller	1	0x65	0x64
	Mobrey	3300 Series	Level Transmitter	2	0x3B	0x21
		MLT100*	Displacement level transmitter	1	0x3B	0x29
		MSP400/MSP900	Level Transmitter	4	0x3B	0x2E
	Ohmart/VEGA	DSTH/LSTH Comp	Gamma Radiation Level Gauges	1	0x67	0xE1
	Pepperl+Fuchs	LTC	Ultrasonic Level Tx	4	0x5D	0xEC
		LUC-Mxx	Ultrasonic Level Tx	2	0x5D	0xE5
	Robertshaw	Excalibur 7000*	Capacitance Level Tx	1	0x5C	0xC8
	Rosemount	3100 Ultrasonic level transmitter	Ultrasonic Level Transmitter	5	0x26	0x50
		3300 Series*	Level Tx	3	0x26	0x21
		5300 Series*	Radar level	3	0x26	0x51
				4	0x26	0x51
		5400*	Radar level	2	0x26	0x43
	Saab	Saab Tank Radar Pro 5400 Series	Radar Level Gauge	2	0x26	0x43
	Siemens Milltronics	SITRANS LR300	Radar Level	1	0x58	0xC9
	Tracerco	PRI 150	Nucleonic Level Transmitter	0	0xAE	0x7F
	VEGA	VEGACAL62	Capacitance Level	1	0x62	0xE3
		VEGACAL63	Capacitance Level	1	0x62	0xE3
		VEGACAL64	Capacitance Level	1	0x62	0xE3
		VEGACAL65	Capacitance Level	1	0x62	0xE3
		VEGACAL66	Capacitance Level	1	0x62	0xE3
		VEGACAL67	Capacitance Level	1	0x62	0xE3
		VEGACAL69	Capacitance Level	1	0x62	0xE3
		VEGAFLEX61	Microwave Level	1	0x62	0xE7
		VEGAFLEX62	Microwave Level	1	0x62	0xE7
		VEGAFLEX63	Microwave Level	1	0x62	0xE7
		VEGAFLEX65	Microwave Level	1	0x62	0xE7
		VEGAFLEX66	Microwave Level	1	0x62	0xE7
		VEGAFLEX67	Microwave Level	1	0x62	0xE7
		VEGAFLEX 80 series SIL	Guided wave Level Transmitter	3	0x0062	0x62D4
		VEGAFLEX81 (VEGAFLEX 80 Series)	Microwave Level	1	0x0062	0x62D5
				2	0x0062	0x62D5
		VEGAPULS 20/30 series	Radar Level	2	0x0062	0x62BC

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufac-turer ID (Hex)	Device Type (Hex)		
Level (Continued)	VEGA (Continued)	VEGAPULS61	Radar Level	1	0x62	0xE8		
				5	0x62	0x62DC		
		VEGAPULS62	Radar Level	1	0x62	0xE8		
		VEGAPULS 62 - plicsplus	Radar Level	5	0x0062	0x62DB		
		VEGAPULS63	Radar Level	1	0x62	0xE8		
				5	0x62	0x62DA		
		VEGAPULS 64	Radar Level	3	0x0062	0x62BE		
		VEGAPULS65	Radar Level	1	0x62	0xE8		
		VEGAPULS66	Radar Level	1	0x62	0xE8		
		VEGAPULS67	Radar Level	1	0x62	0xE8		
		VEGAPULS68	Radar Level	1	0x62	0xE8		
				5	0x0062	0x62D6		
		VEGAPULS69	Radar Level	1	0x0062	0x62C1		
				3	0x0062	0x62C1		
		VEGAPULS C 20 series	Radar Level	2	0x0062	0x62BD		
		VEGASON61	Ultrasonic Level Tx	1	0x62	0xE6		
		VEGASON62	Ultrasonic Level Tx	1	0x62	0xE6		
		VEGASON63	Ultrasonic Level Tx	1	0x62	0xE6		
		VEGAWELL52	Hydrostatic Level Tx	1	0x62	0xDD		
		VEGAWELL72	Hydrostatic Level Tx	1	0x62	0xEB		
		Positioner	ABB	EDP300	Electro-Pneumatic Positioner	2	0x1A	0x1A8D
				TZID	Electro-Pneumatic Positioner	1	0x16	0x40
				TZIDC, TZIDC-200	Electro-Pneumatic Positioner	1	0x16	0x41
			Fisher Controls	DVC2000	Valve Positioner	1	0x13	0x05
				DVC 6000 series (DVC 60xx)*	Valve Positioner	1	0x13	0x03
				DVC6200/ DVC6000	Valve Positioner	1	0x13	0x03
2	0x13					0x03		
DVC6200	Valve Positioner			2	0x0013	0x1309		
DVC6200 SIS	Valve Positioner			1	0x13	0x0A		
			2	0x13	0x130A			
Flowserve	LOGIX 3200MD		Double Acting Digital Positioner	1	0x30	0x05		
				2	0x30	0x05		
	LOGIX 3820		Digital Positioner	60	0x30	0x0A		
				70	0x0030	0x300A		
	LOGIX 520MD		Single Acting Digital Positioner	2	0x30	0x06		

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Positioner (Continued)	Flowserve (Continued)	LOGIX 520MD Plus	Digital Positioner	47	0x30	0x3007
		PMV D3	Digital Positioner	1	0x9B	0xD3
		PMV D3x	Digital Positioner	1	0x9B	0xD3
	Foxboro	SRD960	Positioner	1	0x3F	0x06
		SRD991*	Valve Positioner	1	0x3F	0x04
		SRD991	Valve Positioner	1	0x3F	0x04
		SRD998	Valve Positioner	1	0x003F	0x3F08
	Masoneilan	SVI I*	Smart Valve Interface	2	0x65	0xC8
		SVI II	Valve Positioner & PID Controller	1	0x65	0xCA
		SVI II AP	Valve Positioner & PID Controller	2	0x65	0xCA
		SVI II ESD	Smart Valve Interface(SIL3)	1	0x65	0xCB
	Metso	ND800	Pneumatic Positioner	7	0x57	0xEF
		ND800/T	Pneumatic Positioner	7	0x57	0xEE
		ND7000	Digital Positioner	3	0x57	0xDE
				10	0x0057	0x57DE
		ND9000 Series ND9100H, ND9200H	Valve Positioner	1	0x57	0xE5
				2	0x57	0xE5
				3	0x57	0xE5
	4			0x57	0xE5	
	10	0x0057	0x57E5			
	NAF	370991	Valve Positioner	1	0x3F	0x04
	Samson	3730-3	Electro-Pneumatic Positioner	6	0x42	0xEF
		3730-6	Electro-Pneumatic Positioner	1	0x42	0xEE
3780		HART Positioner	2	0x42	0xF9	
Siemens	SIPART PS2	Valve Positioner	4	0x2A	0x15	
Smar	FY301	Smart Valve Positioner	2	0x3E	0x03	
SPIRAX SARCO	SP301	Smart Valve Positioner	2	0xCA	0x80	
STI	Series QT	Digital Positioner	2	0xD8	0x81	
Tyco Valves & Controls	AVID SmartCal	Valve Positioner	1	0xAB	0x01	
Westlock Controls Corporation	ICOT*	Positioner	5	0x4D	0x01	
Pressure	ABB	2600T Series 261xx	Pressure and Level	1	0x1A	0x8C

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufac-turer ID (Hex)	Device Type (Hex)	
Pressure (Continued)	ABB (Continued)	2600T Series 262/264	Pressure and Level	1	0x1A	0x04	
				2	0x1A	0x04	
		2600T Series 263/265, 2010TA, 2010TD, 2020TA, 2020TG	Pressure and Level	2	0x1A	0x89	
				2600T (266xxx)-PdP	Pressure Tx	1	0x1A
			2	0x001A		0x1A07	
		2600T 266-MV	Multivariable Transmitter	1	0x1A	0x8E	
		2600T Series 267/269, 2010TC	Multivariable Transmitter	2	0x1A	0x8A	
		268-2600T	Safety Pressure Transmitter	3	0x1A	0x03	
				4	0x1A	0x03	
		364-2600T	Pressure Tx	1	0x1A	0x05	
		AS800	Pressure Tx	2	0x16	0x85	
		Accutech	VR-1500*	Pressure and Differential Pressure	1	0x5E	0xEE
		Anderson Instrument Co.	ANDRSN1 (T Series)*	Pressure Transmitter	1	0x5A	0xC8
		APLISENS	APR2000	Differential Pressure	1	0xBC	0x7F
BD SENSORS	HMP 331	Process Pressure Transmitter	1	0xB9	0x00		
	x act	New Process Pressure Transmitter with Display	1	0xB9	0x32		
Bourdon-Haenni	FlexBar 3501*	Pressure Transmitter	1	0x60	0xED		
	FlexBar 816x*	Pressure Transmitter	1	0x60	0xEE		
Druck	RTX 1000H Gauge	Gauge Pressure	1	0x47	0xE9		
Duon System	APT3100	Smart Pressure Transmitter	2	0x86	0x6B		
	APT3200	Smart Pressure Transmitter	2	0x86	0x61		
Dynisco Instruments	IPX II Series*	Pressure / Temperature	1	0x72	0xDF		
Endress+Hauser	Cerabar / 5xB/7xB / FW 1.00.zz	Gauge and Absolute Pressure	1	0x0011	0x112A		
			Cerabar M / PMx 4x / V1.0 ... V1.2	Gauge and Relative Pressure	1	0x11	0x0E
			Cerabar M 5x / PMx 5x / V1.00.xx		1	0x11	0x19
			Cerabar S / PMx 7x / V02.00		20	0x11	0x18
			Cerabar S / PMx 7x / V02.10.xx		21	0x11	0x18



Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)	
Pressure (Continued)	Endress+Hauser (Continued)	Cerabar S / PMx 7x / V02.20.zz	Gauge and Relative Pressure	22	0x11	0x18	
		Cerabar S / PMx 7x / FW 2.30.zz	Gauge and Relative Pressure	23	0x0011	0x1118	
		Cerabar S / PMx x3x / V7.1	Gauge and Relative Pressure	7	0x11	0x07	
		Deltabar FMD 72	Differential Pressure	1	0x11	0x27	
		Deltabar / 5xB/7xB / FW 1.00.zz	Differential Pressure	1	0x0011	0x1131	
		Deltabar M / PMD55 / V1.00.xx	Differential Pressure	1	0x11	0x21	
		Deltabar S / xMD 7x / V02.00	Differential Pressure	20	0x11	0x17	
		Deltabar S / xMD 7x / V02.10.xx	Differential Pressure	21	0x11	0x17	
		Deltabar S / xMD 7x / FW 2.20.zz	Differential Pressure	22	0x0011	0x0017	
		Deltabar S / xMD 7x / FW 2.30.zz	Differential Pressure	23	0x0011	0x1117	
		Deltabar S / xMD x3x / V7.1	Differential Pressure	7	0x11	0x09	
		Foxboro	IA Series*	Pressure and Level Trans. Family	1	0x14	0x2E
					2	0x14	0x2E
3	0x14				0x2E		
Fuji	FCX-All*	Pressure Transmitter	1	0x15	0x02		
GP:50 New York Ltd.	430RHAA*	Pressure/Temp Transmitter	1	0xBF	0x7C		
Honeywell	SmartLine ST 700	Pressure Transmitter	3	0x0017	0x1721		
	ST 800	Pressure Transmitter	4	0x0017	0x1720		
	ST3000*	Smart Pressure	2	0x17	0x01		
Labom	PASCAL Cix01x	Pressure and Differential Pressure	1	0x7F	0x3C		
Metran	METRAN-100	Smart Pressure Family	1	0x99	0x7F		
Paper Machine Components	SMT-EL*	Pressure Transmitter	1	0x7E	0xE0		
Rosemount	1151*	Differential Pressure	6	0x26	0x03		
	2051*	Pressure Transmitter	3	0x26	0x55		
	2051	Pressure Transmitter	9	0x26	0x55		
		Pressure Transmitter	10	0x0026	0x2655		
	2088*	Absolute Pressure Tx with Remote Seal	3	0x26	0x23		
	2090*	Absolute Pressure Transmitter	3	0x26	0x27		

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufac-turer ID (Hex)	Device Type (Hex)	
Pressure (Continued)	Rosemount (Continued)	3051C*	Differential Pressure	3	0x26	0x06	
				9	0x26	0x06	
		3051C	Differential Pressure	10	0x26	0x2606	
		3051LP*	Differential Pressure	1	0x26	0x0F	
		3051S*	Differential Pressure	7	0x26	0x06	
		3051S Diag	Pressure Transmitter	3	0x26	0x4A	
		3051S ERS*	Differential Pressure	1	0x26	0x5E	
		4600*	Pressure Transmitter	1	0x26	0x38	
	Satron Instruments	V-Series*	Pressure Transmitter	2	0x2F	0x01	
			Pressure Transmitter	1	0xB6	0x7F	
	Siemens	SITRANS P DS series*	Pressure Transmitter	3	0x2A	0x0B	
			Pressure Transmitter	1	0x2A	0x0D	
	Smar	LD291	Pressure Transmitter	3	0x3E	0x04	
			LD301*	Smart Pressure Transmitter	3	0x3E	0x01
			LD301*	Smart Pressure Transmitter	4	0x3E	0x01
	VALCOM S.r.l.	T7N	Pressure Transmitter	2	0x6F	0x00	
	VEGA	VEGABar52	Hydrostatic Level	1	0x62	0xE2	
			VEGABar53	Hydrostatic Level	1	0x62	0xE2
			VEGABar54	Hydrostatic Level	1	0x62	0xE2
			VEGABAR61	Hydrostatic Level	1	0x62	0xE2
			VEGABar64	Hydrostatic Level	1	0x62	0xE2
			VEGABar65	Hydrostatic Level	1	0x62	0xE2
			VEGABar66	Hydrostatic Level	1	0x62	0xE2
				Hydrostatic Level	2	0x62	0xE2
			VEGABar67	Hydrostatic Level	1	0x62	0xE2
			VEGABAR 80 Series	Pressure Transmitter	1	0x0062	0x62C3
					3	0x0062	0x62C3
	VEGABAR 80 series SIL	Pressure Transmitter	3	0x0062	0x62C2		
	Viatran	970*	Pressure Transmitter	2	0x32	0x01	
	Yamatake	PTG*	Pressure Transmitter	1	0x36	0x05	
			ST3000 Series 900*	Pressure Transmitter	1	0x36	0x02
	Yokogawa	EJA-NEXT	Differential Pressure Transmitter	10	0x0037	0x375C	
			EJAx Series*	Differential Pressure Transmitter	2	0x37	0x04
			EJX series*	Differential Pressure Transmitter	1	0x37	0x51
			EJX	Differential Pressure Transmitter	3	0x37	0x51

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Pressure (Continued)	Yokogawa (Continued)	EJX*	Differential Pressure Transmitter	10	0x37	0x3751
Temperature	ABB	TH02(-EX), TH102(-EX), TH202(-EX)	Temperature Transmitter	1	0x16	0x08
		TSP341-N	Temperature Transmitter	1	0x001A	0x1A0E
		TTX200	Temperature Transmitter	2	0x1A	0x0D
		TTX300	Temperature Transmitter	1	0x1A	0x0B
		TTX300	Temperature Transmitter	2	0x1A	0x0B
	Accutech	AI-1500*	Temperature Transmitter	1	0x5E	0xEF
	Bourdon-Haenni	FlexTop 2221*	Universal Transmitter	2	0x60	0xEF
	Duon System	ATT2200	Temperature Transmitter	2	0x86	0x75
	Endress+Hauser	iTEMP / TMT72 / FW 1.01.zz	Temperature Transmitter	1	0x0011	0x11D0
		iTemp / TMT82 / FW 1.01.zz	Temperature transmitter	2	0x0011	0x11CC
		iTEMP / TMT82 / FW 1.02.zz	Temperature transmitter	3	0x0011	0x11CC
		iTemp / TMT 122 / V1.1	Temperature Transmitter	2	0x11	0xC9
		iTemp / TMT 142 / V1.03.00	Temperature Transmitter	2	0x11	0xCB
		iTEMP / TMT 162 / V1.03.00	Temperature Transmitter	2	0x11	0xCA
		iTEMP / TMT162 / V4.01.zz	Temperature Transmitter	4	0x0011	0x11CE
		iTemp / TMT 182 / V1.1	Temperature Transmitter	2	0x11	0xC8
	Foxboro	RTT 15*	Temperature Transmitter	1	0x14	0x38
		RTT 20	Temperature Transmitter	1	0x3F	0x03
	Fuji	FRC*	Temperature Transmitter	1	0x15	0x81
	Honeywell	STT17H*	Temperature Transmitter	1	0x17	0x07
STT25H*		Temperature Transmitter	1	0x17	0x04	
STT25T*		Dual Input Transmitter	1	0x17	0x02	

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)
Temperature (Continued)	Honeywell (Continued)	STT850	Temperature Transmitter	4	0x0017	0x1722
	Inor Process AB	Meso-L/Meso-LX*	Temperature Transmitter	1	0x5B	0xEF
	Krohne	TT50C/R*	Temperature Transmitter	1	0x45	0xDB
	M-System Co., Ltd.	27HU	2-Wire Universal Input Transmitter	1	0x1D	0x03
		B3HU*	2-Wire Universal Temperature Transmitter	1	0x1D	0x02
		B6U*	2-Wire Universal Input Transmitter	1	0x1D	0x01
	Metran	METRAN-280	Smart Temperature Family	1	0x99	0x7E
	Moore	THZ / TDZ	Smart Temperature Transmitter	1	0x20	0x03
	PR electronics	Pretop 5335*	Head Mounted Temp. Transmitter	1	0x6D	0xEF
		Pretrans 6335*	Rail Mounted Temp. Transmitter	1	0x6D	0xEE
	Pyromation, Inc.	Series 442*	Programmable Temp. Transmitter	2	0xB5	0x7F
		Series 642	Programmable Temp. Transmitter	2	0xB5	0x80
	Rosemount	248*	Temperature Transmitter	1	0x26	0x3B
			Temperature Transmitter	2	0x26	0x3B
		3144P*	Temperature Transmitter	3	0x26	0x19
			SIL2 Certified Temperature Transmitter	4	0x26	0x19
		3144P	Temperature Transmitter	5	0x26	0x19
				6	0x0026	0x2619
		644*	Temperature Transmitter	6	0x26	0x18
				7	0x26	0x18
		644	Temperature Transmitter	9	0x26	0x2618
				8	0x26	0x18
	Rossel Messtechnik	RT-H	Temperature Ex	1	0x6A	0xEF
RT-RH		Temperature Ex	1	0x6A	0xEE	
Siemens	SITRANS TH300	Temperature Transmitter	1	0x2A	0x13	
	SITRANS TK-H*	Head Mounted Transmitter	2	0x2A	0x12	

Category	Manufacturer	Device Name <sup>(1)</sup>	Application	Device Revision	Manufacturer ID (Hex)	Device Type (Hex)	
Temperature (Continued)	Smar	TT301*	Temperature Transmitter	3	0x3E	0x02	
	Status Instruments	SEM31x*	Temperature Transmitter	1	0x84	0xEF	
	S-Products	MP82700-H	Temperature Transmitter	5	0xAA	0x01	
	Turck	IM34	Temperature Ex	1	0x9C	0x12	
	VALCOM S.r.l.	T7-MPX	Multipoint (Multiplxr) Temp Trans	2	0x6F	0x28	
	WIKA	T32*	T32*	Temperature Transmitter	2	0x6B	0xEF
			T32	Temperature Transmitter	3	0x6B	0xEF
	Yamatake	ATT60*	Temperature Transmitter	1	0x36	0x04	
	Yokogawa	YTA70E	Temperature Transmitter	1	0x37	0x0A	
		YTAxV2*	Temperature Transmitter	2	0x37	0x09	
Various	Fisher Controls	Position Xmitter	Position Transmitter	1	0x13	0x00	
	Metso	SG9000	ON/OFF Valve Controller	1	0x57	0xD5	
		VG800	ESD Valve	6	0x57	0xEB	
		VG9000H	Safety Valve Controller	1	0x57	0xD9	
	2			0x57	0xD9		
	Smar	TP301	Position Transmitter	1	0x3E	0x05	
	Sterling	SIHIDetect100	Vibration Measurement	3	0xFA	0x82	
	Val Controls	IDC24	Diagnostic Controller	3	0x602E	0xE2FA	
		IVC24	Valve Controller	2	0x602E	0xE1F0	
	Westlock Controls Corporation	EPIC*	Position Transmitter	5	0x4D	0x03	

(1) For assignment of possible hardware and software versions, contact the manufacturer.

\* Denotes the device types integrated with ABB Third Party DTM Library. These device types are available in a smart pack with document ID 2PAA105430SXX.



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