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DATA SHEET

# Freelance - FOUNDATION Fieldbus

## Integrated FF Devices





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### **Introduction**

This document consists summary of released device types and detail information for FF Protocol in ABB System Freelance.

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**Integrated device List:**

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Actuator	AUMA	Aumatic FF H1	Valve Actuator	AumaAumatic FF H1 V1.0-FF	0x01F8 / 01,01	x	x	x	x	x
	Biffi	Icon 2000	Actuator	Biffi Icon 2000 V1.1-FF	0x0100 / 01,01	x	x	x	x	x
	Harold Beck	DCM	Actuator	Harold Beck DCM V1.0-FF	0x0001 / 01,01	x	x	x	x	x
Analytical	ABB	TB82EC	Conductivity	ABB TB82EC V1.0-FF	0x0051 / 01,01	x	x	x	x	x
		TB82PH	pH/ORP/pION	ABB TB82PH V1.1-FF	0x0050 / 01,01	x	x	x	x	x
		TB82PH	pH/ORP/pION	ABB TB82PH V5.0-FF	0x0050 / 02,01	x	x	x	x	x
		TB82TC	Conductivity	ABB TB82TC V1.0-FF	0x0053 / 01,01	x	x	x	x	x
		TB82TE	Conductivity	ABB TB82TE V1.0-FF	0x0052 / 01,01	x	x	x	x	x
	Endress + Hauser	Liquiline M; CM42 Cond	Inductive / Conductive Conductivity	Endress + Hauser Liquiline M CM42 Cond V1.0-FF	0x1090 / 01,01	x	x	x	x	x
				Endress + Hauser Liquiline cond V5.0-FF	0x10A1/ 02,01	x	x	x	x	x
				Endress + Hauser Liquiline cond V6.0-FF	0x10A1/ 03,01	x	x	x	x	x
		Liquiline M; CM42 Ph/ORP	pH Meter	Endress + Hauser Liquiline M CM42 pH/ORP V1.0-FF	0x108F / 01,01	x	x	x	x	x
				Endress + Hauser Liquiline PHORP V5.0-FF	0x10A0/ 02,01	x	x	x	x	x
			Endress + Hauser Liquiline PHORP V6.0-FF	0x10A0/03,01	x	x	x	x	x	

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1		
Analytical (Continued)	Endress + Hauser (Continued)	Liquiline M; CM42 Oxygen	Dissolved Oxygen	Endress + Hauser Liquiline Oxygen V5.0-FF	0x10A2/01,01	x	x	x	x	x		
				Endress + Hauser Liquiline Oxygen V6.0-FF	0x10A2/02,01	x	x	x	x	x		
	Knick	Protons 3400x085	Liquid analyzer	Knick Protons 3400x085 V1.0-FF	0x0D48 / 01,01	x	x	x	x	x		
					Stratos 2231 X COND	KnickStratos 2231 X COND V1.0-FF	0x5728 / 01.01	x	x	x	x	x
					Stratos 2232 X CONDI	KnickStratos 2232 X CONDI V1.0-FF	0x08B8 / 01,01	x	x	x	x	x
					Stratos 2231X OXY	KnickStratos 2231 X OXY V1.0-FF	0x5727 / 01,01	x	x	x	x	x
					Stratos 2231 X pH	Knick Stratos 2231 X pH V1.0-FF	0x08B7 / 01,01	x	x	x	x	x
	Mettler Toledo	Cond 7100e	Inductive Conductivity Tx	Mettler-Toledo Cond 7100e V1.0-FF	0x1BBC / 01,01	x	x	x	x	x		
					Cond Ind 7100e	Mettler-Toledo Cond Ind 7100e V1.0-FF	0x1BBD / 01,01	x	x	x	x	x
					M700X(M700 FF700)	Mettler-Toledo M700X V1.0-FF	0x00F0 / 01,01	x	x	x	x	x
					O2 4100e	Mettler-Toledo O2 4100e V1.0-FF	0x1004 / 01,01	x	x	x	x	x
					pH 2100e	Mettler-Toledo pH 2100e V1.0-FF	0x0834 / 01,01	x	x	x	x	x
	Rosemount	5081-A	Amperometric Transmitter	Rosemount 5081-A V1.0-FF	0x4082 / 02,04	x	x	x	x	x		
					5081-C/T	Rosemount 5081_C_T V1.0-FF	0x4084 / 02,01	x	x	x	x	x
					5081-pH/ORP	Rosemount 5081-pH-ORP V1.0-FF	0x4085 / 02,03	x	x	x	x	x

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Analytical (Continued)	Rosemount (Continued)	Xmt-A	Amperometric Transmitter	Rosemount Xmt-A V1.0-FF	0x4086 / 01,03	x	x	x	x	x
		Xmt-C/T	Conductivity Transmitter	Rosemount Xmt-C/T V1.0-FF	0x4087 / 01,05	x	x	x	x	x
		Xmt-P	pH/ORP Transmitter	Rosemount Xmt-P V1.0-FF	0x4088/ 01,03	x	x	x	x	x
	Yokogawa	ISC202	Inductive Conductivity	Yokogawa ISC202 V1.0-FF	0x0832 / 02,01	x	x	x	x	x
		DO202	Oxygen Transmitter	Yokogawa EXA DO202 V1.0-FF	0x0833 / 01,01	x	x	x	x	x
		PH202-F	Conductivity / Resistivity	Yokogawa PH202 V1.1-FF	0x0830 / 02,01	x	x	x	x	x
		SC202	Conductivity / Resistivity	Yokogawa PH202 V2.0-FF	0x0830 / 03,01	x	x	x	x	x
			Conductivity	Yokogawa SC202 V1.0-FF	0x0831 / 02,01	x	x	x	x	x
			Conductivity	Yokogawa SC202 V2.0-FF	0x0831 / 03,01	x	x	x	x	x
Drives	Valve Coupler Fieldbox	FDO-VC-Ex4.FF	Valve Coupler Fieldbox	Pepperl+Fuchs FD0_VC_Ex4 V1.0-FF	0x0001 / 01,01	x	x	x	x	x
		Valve Coupler Fieldbox	Pepperl+Fuchs FD0_VC_Ex4 V2.0-FF	0x0001 / 02,02	x	x	x	x	x	
Flow	ABB	FCM2000	Coriolis Mass Flow Meter	ABB FCM 2000 V1.0-FF	0x24c5 / 01,01	x	x	x	x	x
		FSM4000	Electromagnetic Flow	ABB FSM4000 V1.1-FF	0x0017 / 01,01	x	x	x	x	x
			Electromagnetic Flow	ABB FSM4000 V5.0-FF	0x0017 / 02,01	x	x	x	x	x
		FSV FSS 430 450	Vortex/Swirl Flowmeter	ABB FSV FSS 430 450 V5.0-FF	0x012C /02,02		x	x	x	x
		FV4000, FS4000,TRIO-WIRL V,TRIO-WIRL S	Vortex/Swirl Flowmeter	ABB TRIO-WIRL V1.1-FF	0x0015 / 01,01	x	x	x	x	x
			Vortex/Swirl Flowmeter	ABB TRIO-WIRL V2.0-FF	0x0015 / 01,01	x	x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1	
Flow (Continued)	ABB (Continued)	FV4000, FS4000,TRIO-WIRL V,TRIO-WIRL S (Continued)	Vortex/Swirl Flowmeter	ABB TRIO-WIRL V5.0-FF	0x0015 / 02,01	x	x	x	x	x	
	Endress+ Hauser	FXE4000 (COPAXE / MAG-XE)	Electromagnetic	ABB FXE4000 V1.1-FF	0x0016 / 02,01	x	x	x	x	x	
		Promass 83	Coriolis Mass Flowmeter	Endress + Hauser Promass 83 V1.0-FF	0x1051 / 02,02	x	x	x	x	x	
			Coriolis Mass Flowmeter	Endress + Hauser Promass 83 V6.0-FF	0x1051 / 04,01	x	x	x	x	x	
		Promag 53	Magnetic Flow	Endress + Hauser Promag 53 V1.0-FF	0x1042 / 02,02	x	x	x	x	x	
			Magnetic Flow	Endress + Hauser Promag 53 V6.0-FF	0x1042 / 04,01	x	x	x	x	x	
		Prosonic Flow 93	Ultrasonic Flow	Endress + Hauser Prosonic 93 V1.0-FF	0x1059 / 01,03	x	x	x	x	x	
			Ultrasonic Flow	Endress + Hauser Prosonic 93 V6.0-FF	0x1059 / 03,01	x	x	x	x	x	
		Prowirl 72	Vortex Flowmeter	Endress + Hauser Prowirl 72 V1.0-FF	0x1056 / 01,01	x	x	x	x	x	
		Prowirl 73	Vortex Flowmeter	Endress + Hauser Prowirl 73 V1.0-FF	0x1057 / 01,01	x	x	x	x	x	
		t-mass 65	Thermal mass Flowmeter	Endress + Hauser t-mass 65 V5.0-FF	0x1065 / 01,01	x	x	x	x	x	
		Promag 200	Electromagnetic Flow	Endress + Hauser Promag 200 V5.0-FF	0x1048/01,01	x	x	x	x	x	
		GE Sensing	XMT868	Ultrasonic Flow	GE Sensing XMT868 V1.0-FF	0x0001 / 01,01	x	x	x	x	x
			XMT1000	Ultrasonic Flow	GE XMT1000 V5.0-FF	0x0010 / 01,01		x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Flow (Continued)	Krohne	IFC 090	Magnetic Flow	Krohne IFC 090 V1.0-FF	0xF401 / 01,01	x	x	x	x	x
		MFC300	Coriolis Mass Flowmeter	Krohne MFC300 V1.0-FF	0x0320 / 01,01	x	x	x	x	x
	Micro Motion	2700R	Coriolis Mass Flowmeter	Micro Motion 2700R V1.0-FF	0x2000 / 03,02	x	x	x	x	x
			Coriolis Mass Flowmeter	Micro Motion 2700R V3.0-FF	0x2000 / 05,01	x	x	x	x	x
	Oval	EX-DELTA	Vortex Flowmeter	Oval EX-DELTA V1.0-FF	0x0065 / 01,02	x	x	x	x	x
	Rosemount	8732	Electromagnetic Flowmeter	Rosemount 8732 V5-FF	0x8732 / 03,01		x	x	x	x
			8742C	Electromagnetic Flowmeter	Rosemount 8742C V1.1-FF	0x8742 / 04,02	x	x	x	x
			Electromagnetic Flowmeter	Rosemount 8742C V2.0-FF	0x8742 / 05,01	x	x	x	x	x
		8800	Vortex Flowmeter	Rosemount 8800 V1.1-FF	0x8800 / 05,01	x	x	x	x	x
			Vortex Flowmeter	Rosemount 8800 V5.0-FF	0x8800 / 07,01			x	x	x
	Yamatake	MagneW	Magnetic Flow Meter	Yamatake MagneW V1.0-FF	0x0001 / 02,02	x	x	x	x	x
		MagneW 2W	Magnetic Flow Meter	Yamatake MagneW 2W V1.0-FF	0x0c01 / 01,02	x	x	x	x	x
	Yokogawa	ADMAG AE	Electromagnetic	Yokogawa ADMAG_AE V1.0-FF	0x0004 / 01,01	x	x	x	x	x
		ADMAG AXF	Electromagnetic	Yokogawa ADMAG_AXF V1.0-FF	0x000B / 01,01	x	x	x	x	x
		ADMAG TI AXG4A	Electromagnetic	Yokogawa ADMAG TI AXG4A V5.0-FF	0x0016 / 01,01		x	x	x	x
		ADMAG TI AXW4A	Electromagnetic	Yokogawa ADMAG TI AXW4A V5.0-FF	0x0017 / 01,01		x	x	x	x



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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Flow (Continued)	Yokogawa (Continued)	DYF	Vortex	Yokogawa DYF V1.0-FF	0x0013 / 01,02	x	x	x	x	x
		DYF SD	Vortex	Yokogawa DYF SD V5.0-FF	0x0009 / 03,01		x	x	x	x
		ROTAMASS	Coriolis Mass Flowmeter	Yokogawa ROTOMAS V1.0-FF	0x000D / 01,02	x	x	x	x	x
			Coriolis Mass Flowmeter	Yokogawa ROTAMASS TI RO V6.0-FF	0x0013 / 02,01		x	x	x	x
Gateway	ABB	LD800HSE	Linking Device High Speed Ethernet	LD800 HSE V1.0 - FF	0x0067 / 01	x	x	x	x	x
		LD800HSE EX	Linking Device High Speed Ethernet	NA	0x0067 / 01	x	x	x	x	x
I/O	Burkert	8643	Digital I/O-Box	Bürkert DIO V1.1-FF	0x21C3 / 01,01	x	x	x	x	x
			Digital I/O-Box	Bürkert DIO V2.0-FF	0x21C3 / 02,02	x	x	x	x	x
	Rosemount	848L	Discrete I/O	Rosemount 848L V1.0-FF	0x848D / 01,05	x	x	x	x	x
	Smar	IF302	Current to FF Converter	Smar IF302 V1.0-FF	0x0003 / 03,02	x	x	x	x	x
			FF to Current Converter	Smar FI302 V1.0-FF	0x0005 / 03,02	x	x	x	x	x
	Pepperl+ Fuchs	F2DO_MIO_EX12.FF	FieldBus IO	Pepperl+Fuchs F2DO_MIO_EX12 V1.2-FF	0x0007/01,01		x	x	x	x
	StoneL	ONYX 461052, 465014, Function Option 93/94	Pneumatic Valve	StoneL ONYX V1.1-FF	0x0051 / 02,01	x	x	x	x	x
			VCT / Univ. Discrete I/O Block	StoneL 0052 (465014, 461052) V1.0-FF	0x0052 / 01,01	x	x	x	x	x
			Discrete and Analog I/O Block	StoneL 00F2 (465015, 461054) V1.0-FF	0x00F2 / 01,01	x	x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Level	Endress+ Hauser	Gammapilot M	Radiometric Density	Endress + Hauser Gammapilot M V1.0-FF	0x1013 / 01,03	x	x	x	x	x
		Levelflex M	Guided Wave Level Transmitter	Endress + Hauser Levelflex M V1.0-FF	0x1012 / 01,04	x	x	x	x	x
		MICROPILOT-M FMR130, FMR131, FMR230V, FMR231 E, FMR230, FMR231, FMR240, FMR530, FMR531, FMR532, FMR533	Radar	Endress + Hauser MICROP-M V1.1-FF	0x100F / 03,01	x	x	x	x	x
		Micropilot FMR5x	Radar	Endress + Hauser MICROP-M V5.0-FF	0x1028 / 01,01	x	x	x	x	x
		Prosonic M	Ultrasonic	Endress + Hauser Prosonic M V1.0-FF	0x1011 / 01,04	x	x	x	x	x
	ISE-Magtech	LME-300	Magnetostrictive Level Transmitter	ISE-Magtech LME-300 V1.0-FF	0x0101 / 01,04	x	x	x	x	x
	Krohne	BM 70 A/P	Radar	Krohne BM 70 AP V1.0-FF	0xF901 / 03,01	x	x	x	x	x
	Magnetrol	Eclipse 705	Guided Wave Radar Level Transmitter	Magnetrol Eclipse 705 V1.0-FF	0x0705 / 01,01	x	x	x	x	x
		Eclipse 705 3.X	Guided Wave Radar Level Transmitter	Magnetrol Eclipse 705 3.X V1.0-FF	0x0001 / 01,01	x	x	x	x	x
			Guided Wave Radar Level Transmitter	Magnetrol Eclipse 705 3.X V2.0-FF	0x0001 / 02,01	x	x	x	x	x
		Orion Jupiter Model 2xx	Magnetostrictive Level Transmitter	Magnetrol Orion Jupiter Model 2xx V1.0-FF	0x0002 / 01,01	x	x	x	x	x
	Ohmart Vega	GEN2000	Level	Ohmart Vega GEN2000 Level V1.0-FF	0x0003 / 03,02	x	x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1	
Level (Continued)	Pepperl+ Fuchs	LUC-Mxx	Ultrasonic	Pepperl& Fuchs LUC-Mxx V1.0-FF	0x1011 / 03,01	x	x	x	x	x	
	Rosemount	5300 Series	Guided Wave Radar	Rosemount 5300 Series V1.0-FF	0x5300 / 01,03	x	x	x	x	x	
		5401	Radar Level Transmitter	Rosemount 5401 V5.0-FF	0x5400 / 02,01	x	x	x	x	x	
		5408	Level Transmitter	Rosemount 5408 V5.0-FF	0x5408 / 01,01		x	x	x	x	
	Saab	5400 Series	Radar level	SAAB 5400 series V1.0-FF	0x5400 / 02,01	x	x	x	x	x	
	Vega	VEGACAL 60 Series(VEGACAL series 62, 63, 64, 65, 66)	Admittance Level Transmitter	VEGA VegaCal 62 V1.0-FF	0x076E / 01,01	x	x	x	x	x	
			Admittance Level Transmitter	VEGA VegaCal 62 V2.0-FF	0x076E / 03,01	x	x	x	x	x	
			Admittance Level Transmitter	VEGA VegaCal63 V5.0-FF	0x076E / 04,01	x	x	x	x	x	
		VEGAFLEX 60 Series(VEGAFLEX series 61, 62, 65, 66, 67)	Guided Microwave	VEGA VEGAFLEX V1.1-FF	0x0771 / 01,01	x	x	x	x	x	
			Guided Microwave	VEGA VEGAFLEX V2.0-FF	0x0771 / 03,01	x	x	x	x	x	
		VEGAPULS 60 Series(VEGAPULS series 61, 62, 63, 65, 66)	Radar Level	VEGA VEGAPULS V1.1-FF	0x0772 / 01,01	x	x	x	x	x	
			Radar Level	VEGA VEGAPULS V2.0-FF	0x0772 / 03,01	x	x	x	x	x	
			Radar Level	VEGA VEGAPULS V5.0-FF	0x0772 / 04,01	x	x	x	x	x	
		VEGASON 60 Series(VEGASON series 61, 62, 63,64, 65, 66)	Ultrasonic	VEGA VEGASON V1.1-FF	0x0770 / 01,01	x	x	x	x	x	
			Ultrasonic	VEGA VEGASON V2.0-FF	0x0770 / 03,01	x	x	x	x	x	
			Ultrasonic	VEGA VEGASON V5.0-FF	0x0770 / 04,01	x	x	x	x	x	
	VEGAPULS 69	Radar Level	VEGAPULS 69 V5.0-FF	0x0BFA/01,02	x	x	x	x	x		
	Positioner	ABB	TZID POS	Valve Positioner	ABB TZID POS V1.2-FF	0x0028 / 02,01	x	x	x	x	x
			TZIDC-120, TZIDC-220	Valve Positioner	ABB TZIDC-x20 V1.1-FF	0x0028 / 02,01	x	x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Positioner (Continued)	Dresser	FVP	Valve Positioner	Dresser FVP V1.0-FF	0x2328 / 01,01	x	x	x	x	x
	EL-O-Matic	ELQ F800	Actuator	EL-O-Matic ELQ F800 V1.0-FF	0xF800 / 04,02	x	x	x	x	x
	Fisher	DVC5000F – SCDVC5010f, DVC5020f, DVC5030f	Digital Valve Controller	Fisher DVC5000F V1.1-FF	0x5420 / 09,03	x	x	x	x	x
			Valve Positioner	Fisher DVC6000F V1.0-FF	0x4601 / 01,04	x	x	x	x	x
			Valve Positioner	Fisher DVC6000F V2.0-FF	0x4601 / 01,02	x	x	x	x	x
	Flowserve	Accutronix MX	Positioner	Flowserve Accutronix MX V1.0-FF	0x4D58 / 03,01	x	x	x	x	x
		BUSwitch	Discrete Valve Controller	Flowserve BUSwithch V1.2-FF	0x5053 / 03,02	x	x	x	x	x
		Logix X4XX	Valve Positioner	Flowserve Logix X4XX V1.0-FF	0x0202 / 06,01	x	x	x	x	x
		D3	Valve Positioner	Flowserve D3 V1.0-FF	0x00D3 / 01,01	x	x	x	x	x
	Metso	ND800FF	Valve Positioner	Metso ND800FF V1.2-FF	0x0320 / 03,02	x	x	x	x	x
		ND9000 (ND910x, ND920x)	Digital Valve Positioner	Metso ND9000 V1.0-FF	0x2328 / 02,01	x	x	x	x	x
			Digital Valve Positioner	Metso ND9000 V2.0-FF	0x2328 / 03,01	x	x	x	x	x
			Digital Valve Positioner	Metso ND9000 V5.0-FF	0x2328 / 05,01	x	x	x	x	x
	Rotork YTC Ltd	YT-3300	Valve Positioner	Rotork YT3300 V5.0 -FF	0x0009 / 01,01		x	x	x	x
	Samson	373x-5	Valve Positioner	Samson 373x-5 V1.0-FF	0x0002 / 01,01	x	x	x	x	x
		3787	Valve Positioner	Samson 3787 V1.2-FF	0x0001 / 02,01	x	x	x	x	x
		SIPART PS2	Valve Positioner	Siemens SIPART PS2 V1.0-FF	0x0015 / 01,01	x	x	x	x	x
Valve Positioner			Siemens SIPART PS2 V2.0-FF	0x0015 / 02,01	x	x	x	x	x	
Smar	FY302	Fieldbus Positioner	Smar FY302 V1.0-FF	0x0006 / 03,02	x	x	x	x	x	

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Positioner (Continued)	Smar (Continued)	TP302	Smart Position Transmitter	Smar TP302 V1.0-FF	0x000B / 03,02	x	x	x	x	x
	Topwarx	DVCFF	Valve Positioner	TopWorx DVCFF V1.2-FF	0x0100 / 02,01	x	x	x	x	x
			Valve Positioner	TopWorx DVCFF V2.0-FF	0x0100 / 02,04	x	x	x	x	x
	Tyco	AVID ZR-F	Discrete Positioner	Tyco AVID ZR-F	0x0001 / 01,01	x	x	x	x	x
	Westlock	FPAC	Discrete Valve Controller	Westlock FPAC V1.2-FF	0x0001 / 01,01	x	x	x	x	x
			Discrete Valve Controller	Westlock FPAC V2.1-FF	0x0001 / 02,01	x	x	x	x	x
		FPAC-ESD	Emergency Shutdown	Westlock FPAC ESD V1.2-FF	0x0003 / 01,01	x	x	x	x	x
		ICoT	IS Pneumatic Positioner	Westlock Intellis ICoT V1.0-FF	0x1100 / 01,01	x	x	x	x	x
			IS Pneumatic Positioner	Westlock Intellis ICoT V2.0-FF	0x1100 / 02,01	x	x	x	x	x
	Yamatake	AVPx03 V1	Valve Positioner	Yamatake AVPx03 V1.0-FF	0x0203 / 01,01	x	x	x	x	x
		AVPx03 V2	Valve Positioner	Yamatake AVPx03 V2.0-FF	0x0203 / 02,01	x	x	x	x	x
		AVP204/AVP304 (SVP3000 Series)	Valve Positioner	Yamatake AVPx04 V1.0-FF	0x0488 / 02,01	x	x	x	x	x
	Yokogawa	YVP110	Valve Positioner	Yokogawa YVP110 V1.0-FF	0x0001 / 03,01	x	x	x	x	x
	Pressure	ABB	2010TA, 2010TD, 2020TA	Pressure and Level	ABB 2000T V1.0-FF	0x0089 / 01,01	x	x	x	x
2600T HI			Pressure and Level	ABB 2600T HI V1.1-FF	0x004 / 01,01	x	x	x	x	x
2600T - 264			Pressure and Level	ABB 2600T-264 V2.2-FF	0x004 / 02,01	x	x	x	x	x
2600T Series 26TXX, 269XX			Pressure and Level	ABB 267_269 V1.2-FF	0x008A / 02,01	x				

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Pressure (Continued)	ABB (Continued)	2600T - 265	Pressure and Level	ABB 2600T-265 V1.1-FF	0x0089 / 02,01	x	x	x	x	x
		2600T Series – Model 266 PdP	Pressure Transmitter	ABB 2600T-266 V5.0-FF	0x0007 / 01,03	x	x	x	x	x
	Anderson Instruments	FPP	Pressure Transmitter	Anderson Instruments FPP V1.0-FF	0x1000 / 01,01	x	x	x	x	x
	Dynisco	SPX series	Melt Pressure Transmitter	Dynisco SPX Series V1.0-FF	0x3031 / 01,01	x	x	x	x	x
	Endress+ Hauser	Cerabar M	Pressure Transmitter	Endress + Hauser Cerabar M V5.0-FF	0x1019/01,02	x	x	x	x	x
			Pressure Transmitter	Endress + Hauser Cerabar S V1.0-FF	0x1007 / 05,01	x	x	x	x	x
		Cerabar S	Pressure Transmitter	Endress + Hauser Cerabar S V6.0-FF	0x1007 / 06,03	x	x	x	x	x
			Pressure Transmitter	Endress + Hauser Cerabar S V7.0-FF	0x1007/ 07,01	x	x	x	x	x
			Deltabar S	Differential Pressure Transmitter	Endress + Hauser DELTABAR-S V1.1-FF	0x1009 / 02,01	x	x	x	x
		DELTA BAR-M	Pressure Transmitter	Endress + Hauser Deltabar M V5.0-FF	0x1021 / 01,02	x	x	x	x	x
		DELTA BAR-S	Differential Pressure Transmitter	Endress + Hauser Deltabar S V7.0-FF	0x1009 / 06,03	x	x	x	x	x
		Deltapilot M	Differential Pressure Transmitter	Endress + Hauser Deltabar S V7.0-FF	0x1009 / 07,02	x	x	x	x	x
			Pressure Transmitter	Endress + Hauser Deltapilot M V5.0-FF	0x1023 / 01,02	x	x	x	x	x

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Pressure (Continued)	Endress+ Hauser (Continued)	Deltapilot S	Pressure Transmitter	Endress + Hauser Deltapilot S V1.0-FF	0x100B / 01,02	x	x	x	x	x
			Pressure Transmitter	Endress + Hauser Deltapilot S V6.0-FF	0x100B / 06,03	x	x	x	x	x
			Pressure Transmitter	Endress + Hauser Deltapilot S V7.0-FF	0x100B / 07,02	x	x	x	x	x
	Foxboro	I/A series	Gauge, Absolute & DP Tx	Foxboro I/A V1.0-FF	0xBA30 / 20,01	x	x	x	x	x
	Fuji Electronics	FCX-AX2	Pressure Transmitter	Fuji Electronic FCX-AX2 V1.0-FF	0x0032 / 01,01	x	x	x	x	x
	Honeywell	ST3000	Pressure Transmitter	Honeywell ST3000 V1.1-FF	0x0002 / 08,01	x	x	x	x	x
			Pressure Transmitter	Honeywell ST700FF V5.0-FF	0x0004 / 03,01	x	x	x	x	x
			Pressure Transmitter	Honeywell ST700FF V6.0-FF	0x0004 / 04,01	x	x	x	x	x
			Pressure Transmitter	Honeywell ST800FF V5.0-FF	0x0003 / 03,01	x	x	x	x	x
			Pressure Transmitter	Honeywell ST800FF V6.0-FF	0x0003 / 04,01	x	x	x	x	x
	Microcyber Inc.	NCS-PT105	Pressure Transmitter	Microcyber Inc. NCS-PT105 V1.0-FF	0x03 / 02,03	x	x	x	x	x
	Rosemount	2051	Pressure Transmitter	Rosemount 2051 V5.0-FF	0x2051 / 02,01	x	x	x	x	x
			Pressure Transmitter	Rosemount 3051 V1.1-FF	0x3051 / 07,02	x	x			
			Pressure Transmitter	Rosemount 3051 V5.0-FF	0x3051 / 08,01			x	x	x
		3051S	Pressure Transmitter	Rosemount 3051S V1.1-FF	0x3051 / 14,02	x	x	x	x	x
3095MV		Pressure Transmitter	Rosemount 3095MV V1.0-FF	0x3095 / 01,01	x	x	x	x	x	
Siemens	SITRANS P DSIII	Pressure Transmitter	Siemens SITRANS P DS V1.0-FF	0x000B / 01,01	x	x	x	x	x	

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Pressure (Continued)	Smar	LD292	Pressure Transmitter	Smar LD292 V5.0-FF	0x000D / 05,01		x	x	x	x
		LD302	Pressure Transmitter	Smar LD302 V1.0-FF	0x0001 / 04,02	x	x	x	x	x
			Pressure Transmitter	Smar LD302 V5.0-FF	0x0001 / 05,01		x	x	x	x
	Vega	VEGABAR 50/60 Series	Pressure Transmitter	VEGA VEGABAR V1.1-FF	0x076F / 01,01	x	x	x	x	x
			Pressure Transmitter	VEGA VEGABAR V2.0-FF	0x076F / 03,01	x	x	x	x	x
			Pressure Transmitter	VEGA VEGABAR V5.0-FF	0x076F / 04,01	x	x	x	x	x
	Wika	IPT-1x-4	Pressure	Wika IPT_1x_4 V1.0-FF	0x00ec / 03,01	x	x	x	x	x
	Yamatake	ST3000 Series 900	Pressure Transmitter	Yamatake ST3000 Series 900 V1.1-FF	0x0103 / 01,03	x	x	x	x	x
	Yokogawa	EJX	Pressure Transmitter	Yokogawa EJX V1.0-FF	0x000C / 02,01	x	x	x	x	x
			Pressure Transmitter	Yokogawa EJX V2.0-FF	0x000C / 03,01	x	x	x	x	x
			Pressure Transmitter	Yokogawa EJX V5.0-FF	0x000C / 05,02		x	x	x	x
			Pressure Transmitter	Yokogawa EJX V8.0-FF	0x000C / 06,01		x	x	x	x
		EJX910	Pressure Transmitter	Yokogawa EJX910 V5.0-FF	0x000E / 02,01		x	x	x	x
		EJA	Pressure Transmitter	Yokogawa EJA V2.0-FF	0x0003 / 02,01	x	x	x	x	x
EJA NEXT		Pressure Transmitter	Yokogawa EJA NEXT V5.0-FF	0x0011 / 01,01	x	x	x	x	x	
		Pressure Transmitter	Yokogawa EJA NEXT V6.0-FF	0x0011 / 02,01		x	x	x	x	
Temperature	ABB	TF02(-EX), TF202 (-EX)	Temperature Transmitter	ABB TF02 TEM V1.1-FF	0x001E / 01,01	x	x	x	x	x
		TTX300	Temperature Transmitter	ABB TTX300 V5.0-FF	0x001F / 01,02	x	x	x	x	x
	Anderson Instruments	FPT	Temperature Transmitter	Anderson Instruments FPT V1.0-FF	0x2000 / 01,01	x	x	x	x	x



Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Temperature (Continued)	Endress+ Hauser	TMT85	Temperature Transmitter	Endress + Hauser TMT 85 V5.0-FF	0x10CE / 01,03	x	x	x	x	x
			Temperature Transmitter	Endress + Hauser TMT 85 V6.0-FF	0x10CE / 01,04	x	x	x	x	x
		TMT162	Temperature Transmitter	Endress + Hauser TMT 162 V1.0-FF	0x10CC / 01,01	x	x	x	x	x
			Temperature Transmitter	Endress + Hauser TMT 162 V6.0-FF	0x10CC / 02,01	x	x	x	x	x
			Temperature Transmitter	Endress + Hauser TMT 162 V7.0-FF	0x10CC / 03,01	x	x	x	x	x
	TMT165	Temperature Transmitter	Endress + Hauser TMT 165 V1.0-FF	0x1200 / 04,01	x	x	x	x	x	
	Foxboro	RTT25-F2	Multi-Variable Temperature Transmitter	Foxboro RTT25-F2 V1.0-FF	0x0034 / 02,02	x	x	x	x	x
	Honeywell	STT35	ST 3000 Series 350 Temperature Transmitter	Honeywell STT35 V1.0-FF	0x0101 / 04,01	x	x	x	x	x
		STT117	Temperature Transmitter	Honeywell STT17F V1.0-FF	0x1101 / 01,01	x	x	x	x	x
	Moore	TFZ	Smart Temperature Transmitter	Moore TFZ V1.0	0x01 / 01,01	x	x	x	x	x
MTL	9331	Temperature Transmitter	MTL 9331 V1.0-FF	0x9331 / 01,01	x	x	x	x	x	
Pepperl+Fuchs	TM-I	Temperature Transmitter	Pepperl+Fuchs TM-I V1.0-FF	0x0003 / 01,01	x	x	x	x	x	

Category	Manufacturer	Device Name	Application	Device Library	Device Description (Device Type ID/ Device Revision, DD Revision)	Supported Engineering Version				
						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Temperature (Continued)	PR Electronic	PRETOP 5350	Temperature Transmitter	PR electronics PRETOP5350 V1.0-FF	0x0080 / 02,01	x	x	x	x	x
		PRETRANS 6350	Temperature Transmitter	PR electronics PRETRANS6350 V1.0-FF	0x0081 / 01,01	x	x	x	x	x
	Rosemount	644	Temperature Transmitter	Rosemount 644 V1.0-FF	0x0644 / 01,02	x	x	x	x	x
				Rosemount 644 V6.0-FF	0x0644 / 02,01	x	x	x	x	x
		3144P	Temperature Transmitter	Rosemount 3144P V1.0-FF	0x3144 / 01,03	x	x	x	x	x
				Rosemount 3144P V5.0-FF	0x3144 / 03,01		x	x	x	x
				Rosemount 848T V1.0-FF	0x848 / 05,0B	x	x	x	x	x
	Siemens	SITRANS TH400	Temperature Transmitter	SITRANS TH400 V1.0-FF	0x8157 / 01,01	x	x	x	x	x
	Smar	TT302	Temperature Transmitter	Smar TT302 V1.0-FF	0x0002 / 03,02	x	x	x	x	x
	Turck	KMU40-EX	Temperature Transmitter	Turck KMU40-EX V1.0-FF	0xFF9C / 01,01	x	x	x	x	x
	Yamatake	ATT60	Temperature Transmitter	Yamatake ATT60 V1.0-FF	0x0401 / 01,02	x	x	x	x	x
	Yokogawa	YTA320	Temperature Transmitter	Yokogawa YTA320 V1.0-FF	0x0005 / 02,01	x	x	x	x	x
		YTA610	Temperature Transmitter	Yokogawa YTA610 V5.0-FF	0x0014 / 01,01	x	x	x	x	x
	WIKA	T53	Universal Temp Tx	WIKA T53 V1.0-FF	0x5310 / 01,01	x	x	x	x	x

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						2016	2016 SP1	2019	2019 SP1	2019 SP1 FP1
Various	ABB	2600T Series 264IB	Indicator	ABB 264IB V1.0-FF	0x0006 / 01,01	x	x	x	x	x
	BEKA	BAx8x xF Series	Fieldbus Display	BEKA BAx8x xF V1.0-FF	0x0488 / 02,01	x	x	x	x	x
				BEKA BAx8x xF V2.0-FF	0x0488 / 02,02	x	x	x	x	x
		BA x1xxx Series	Display	BEKA BAx1xxx Series V1.0-FF	0x0414 / 01,01	x	x	x	x	x
	Endress+ Hauser	RID1x	Display	Endress + Hauser RID1x V5.0-FF	0x10CF / 0101	x	x	x	x	x
			Display	Endress + Hauser RID1x V6.0-FF	0x10CF / 0201	x	x	x	x	x
	Microcyber Inc.	NCS-FI105	Converter	Microcyber Inc. NCS-FI105 V1.0-FF	0x02 / 02,02	x	x	x	x	x
	MTL	F809F	Fieldbus Diagnostic Module	MTL-F809F V1.0-FF	0x0018 / 01,01	x	x	x	x	x
	Rosemount	752	Display	Rosemount 752 V1.0-FF	0x0752 / 02,05	x	x	x	x	x
	R.StahiSchaltger	9413	Digital I/O Coupler	R.Stahl 9413 V1.0-FF	0x0001 / 01,01	x	x	x	x	x
Smar	FP302	FF to Pneumatic converter	Smar FP302 V1.0-FF	0x0004 / 03,02	x	x	x	x	x	



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