



# Process Device Interoperability Testing for the PlantPax™ System



## Third Party Process Device Interoperability Tests Performed by the PlantPax Integration Office

With many end devices in the marketplace, it is imperative that the PlantPax process automation system delivers a strong communication infrastructure for reliability, supports multiple field device integration options for flexibility, and enables process communication for ease of integration.

The Integration Office provides the assurance that the entire system works to the customers' expectations of a distributed control system/process automation system. It focuses on not only device testing, but also on system testing of all the components, interface devices and tools from a variety of suppliers. Interoperability tests are available for customers to re-use with pretested configurations. These tests reduce start-up costs and help save up to an estimated 2 to 4 days per device during integration.

The following is a list of devices tested by the Integration Office to verify integration into the PlantPax system. Test results are documented and on file. This list will continuously expand as additional testing is completed.

### Process Network | **FOUNDATION Fieldbus**

MANUFACTURER	DEVICE	DEVICE TYPE
ABB	2600T model 264	Pressure Transmitter
ABB	TB82PF	pH Transmitter
Anderson	FPP	Pressure Transmitter
Anderson	FTP	Temperature Transmitter
Anderson	FTP	Sanitary Temperature Transmitter
Asco	4449	Valve Position Monitor
BEKA Assoc.	BA488CF	Intrinsically Safe Display
Biffcon		Valve Positioner
EIM Controls	M2CP	Electric Acuator
Emerson	2100 Field Q	Actuator
Endress + Hauser	MicroPilot II FMR 231A	Radar Level Instrument *
Endress + Hauser	MicroPilot M	Radar Level Instrument *
Endress + Hauser	Prosonic M FMU 40	Ultrasonic Flowmeter *
Endress + Hauser	Cerabar S	Pressure Transmitter *
Endress + Hauser	Promag 53	Electromagnetic Flowmeter *

\* Connects to EN2FFR



Process Network | **FOUNDATION Fieldbus** (continued)

MANUFACTURER	DEVICE	DEVICE TYPE
Endress + Hauser	Levelflex M	Guided Radar Level Detector *
Endress + Hauser	Deltabar S	Differential Pressure Transmitter *
Endress + Hauser	iTemp	Temperature Transmitter *
Endress + Hauser	Levelflex M	Guided Radar Level Detector *
Endress + Hauser	Prosonic Flow 93	Flow Meter *
Endress + Hauser	Prowirl 73	Volumetric Flowmeter *
Endress + Hauser	Delta Pilot S	Hydrostatic Level *
Endress + Hauser	Promass 83 F	Mass Flow *
Fisher Valve	DVC5020F	Digital Valve Control
Fisher	DVC6200F	Digital Valve Controller
Flowserve	Logix 1410	Valve Positioner
Flowserve/PMV	Logix 1410	D3 Digital Positioner
Foxboro	83F-F Vortex Flowmeter	Vortex Flowmeter
Foxboro	RTT 25	Temperature Transmitter
Foxboro	244LD	Buoyancy Transmitter
Foxboro	Family IASPT10	Absolute Pressure Transmitter
Foxboro	Family IDP10	Electronic Pressure Transmitter
Foxboro	Family IDP25	Differential Pressure Transmitter
Foxboro	Family IDP50	Differential Pressure Transmitter
Foxboro	Family IAP10	Absolute Pressure Transmitter
Foxboro	Family IAP20	Absolute Pressure Transmitter
Foxboro	Family IGP10	Gauge Pressure Transmitter
Foxboro	Family IGP20	Gauge Pressure Transmitter
Foxboro	Family IGP25	Gauge Pressure Transmitter
Foxboro	Family IGP50	Gauge Pressure Transmitter
Foxboro	SRD-991	Intelligent Positioner
Honeywell	STT 35F	Temperature Transmitter
Honeywell	STG 140	Gauge Pressure Transmitter
KROHNE	BM70 AP Radar Level	Radar Level Detector
KROHNE	IFC090 MAG Flow	Magnetic Flowmeter
Limitorque	MX_FF	Actuator
METSO Neles	ND 9100	Valve Controller
METSO Neles	ND 9103	Valve Controller
Micro Motion	2700	Flowmeter
Ohmart Vega	Vega Puls 61	Radar Level Sensor
Oval Corp	10101	Delta Flowmeter
Pepperl + Fuchs	FDO-VC-Ex4.FF	Valve Coupler
Rosemount	3244MV	Multi Variable Temperature Transmitter
Rosemount	3051T	Pressure Transmitter

\* Connects to EN2FFR

Process Network | **FOUNDATION Fieldbus** (continued)

MANUFACTURER	DEVICE	DEVICE TYPE
Rosemount	3051S REV 20	Pressure Transmitter
Rosemount	8742C Flowmeter	Magnetic Flowmeter
Rosemount	848T	Wireless Temperature Transmitter
Rosemount	644HF Temperature	Temperature Transmitter
Rosemount	3144P Temperature	Temperature Transmitter
Rosemount	848L	Discrete Logic Transmitter
Rosemount Analytical	5081pH/QRP	pH, Ozone, ORP Analyzer
Rotork	FF-01	Valve Positioner
SAMSON	3730-5	Valve Positioner
SAMSON	3787	Valve Positioner
SMAR	TT 302	Temperature Transmitter
SMAR	LD-292	Pressure Transmitter
SMAR	DC302	Remote I/O
Stonel	ValvePoint ON93A	Valve Positioner
TopWorx	ValveTop DVC-FF	Discrete valve Controller
Westlock	7344-MPT	Valve Control Monitor
Westlock IcoT	1100	Valve Positioner
Westlock Intellis	7344S	Valve Positioner
Westlock-Tyco	ZR-F16	Valve Positioner
Yamatake	ATT 60	Temperature Transmitter
Yamatake	AVP303	Smart Valve Positioner
Yamatake	STD920	Pressure Transmitter
Yokogawa	YTA320(std)	Temperature Transmitter
Yokogawa	YTA320(LC2)	Temperature Transmitter
Yokogawa	YVP110	Valve Positioner
Yokogawa	DY 050	Flowmeter
Mettler Toledo	O2 4100e	O2/DO Meter
Mettler Toledo	COND IND 7100e	Conductivity Transmitter
Mettler Toledo	COND 7100e	Conductivity Transmitter
Mettler Toledo	pH 2100e	pH Transmitter
Vega	VegaPuls 62	Radar Level System

Process Network | **HART**

MANUFACTURER	DEVICE	DEVICE TYPE
Endress + Hauser	Cerabar S	Pressure Transmitter
Endress + Hauser	Micropilot M	Radar Level Detector
Endress + Hauser	Levelflex M	Guided Radar Level Detector
Endress + Hauser	Liquiline M CM42	Transmitter, pH, Temp, ORP
Endress + Hauser	Deltabar S	Differential Pressure Transmitter
Endress + Hauser	Promag 55	Electromagnetic Flowmeter
Endress + Hauser	Promag 53	Electromagnetic Flowmeter
Endress + Hauser	Proline-T Mass 65	Thermal Mass Flowmeter
Endress + Hauser	Promas 83	Mass Flowmeter
Endress + Hauser	Prosonic S	Ultrasonic Level Instrument
Endress + Hauser	Prosonic M	Ultrasonic Level Instrument
Endress + Hauser	Prowirl 73	Volumetric Flowmeter
Endress + Hauser	TMT 162	Temperature Transmitter
Endress + Hauser	TMT 182	Temperature Transmitter

Process Network | **Profibus PA**

MANUFACTURER	DEVICE	DEVICE TYPE
Endress + Hauser	Cerabar S	Pressure Transmitter
Endress + Hauser	Deltabar S	Differential Pressure Transmitter
Endress + Hauser	Gammapilot	Non-Contact Level Detector
Endress + Hauser	iTemp	Temperature Transmitter
Endress + Hauser	Levelflex M	Guided Radar Level Detector
Endress + Hauser	Liquiline M CM42	Transmitter, pH, Temp, ORP
Endress + Hauser	Micropilot M	Radar Level Detector
Endress + Hauser	Promag 53	Electromagnetic Flowmeter
Endress + Hauser	Prosonic M	Ultrasonic Level Instrument
Endress + Hauser	Promass 83	Mass Flowmeter, Density, Volume
Endress + Hauser	Prowirl 73	Volumetric Flowmeter
Endress + Hauser	TMT 162 R	Temperature Transmitter

Process Network | **EtherNet I/P™**

MANUFACTURER	DEVICE	DEVICE TYPE
Endress + Hauser	Promag 53	Electromagnetic Flowmeter
Endress + Hauser	Promass 100	Mass Flowmeter, Density, Volume
Endress + Hauser	Promass 83	Mass Flowmeter, Density, Volume

# **PlantPAX**

*Process Automation System*

For more information about our process automation solutions, please visit:  
<http://www.rockwellautomation.com/solutions/process/>



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