



Manufacturer Information

for users regarding software updates
(following the NAMUR recommendation 53)

Yokogawa PRM Foundation Fieldbus Package V1.05.00

1 Type of Product

- Field device / signal processing device
- Software application for display and monitoring / asset management / handheld terminal etc.
- Modem / interface

Manufacturer : Endress+Hauser Process Solutions AG
 Product : Yokogawa PRM Foundation Fieldbus Package V1.05.00
 Type and order code : n.a.

2 Software

Previous software version : 1.04.00
 New software version : 1.05.00
 How can the previous software version number be identified? : -
 Description of the modification in comparison with the predecessor version : See attachment Release Notes, chapter Revision History.

3 Compatibility

Is the new product software compatible with the previous version, installed device driver components and operating tools?

- Yes
- No, reason:

Is a software update generally recommended?

- Yes, reason:

The Update is recommended for the following cases:

- a) You require one new added device driver.
- b) You use a device, where the driver has been improved.

The list of changes regarding new drivers or driver improvements can be found in the attached Release Notes document within chapter Revision History.



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No, reason:

4 Instruction manual

Is a new instruction manual necessary due to the software modification?

- Yes
 No

The manual that corresponds to the new software version is:

Product	Communication options	Manual type	Document identifier
N.A.	N.A.	N.A.	N.A.

5 Price

Change in price of device in comparison with the predecessor version?

- Yes, new list price and update costs (without installation) are enclosed
 No

Release Notes

PRM Foundation Fieldbus Package V1.05.00

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Table of Contents

1	Revision History	3
2	Installation.....	4
3	Deliverables.....	4
4	Known problems and limitations.....	4
4.1	General.....	4
4.2	Flow setup.....	4
4.3	Level setup	5
4.4	Pressure setup.....	5
4.5	Temp setup.....	5
4.6	Components setup.....	5
5	Setup Content	5

1 Revision History

Package-Version	Addition/Change
1.05.00	<p><u>New Devices added to the package:</u></p> <ul style="list-style-type: none"> • Prosonic Flow Rev. 1 DD Rev.1 • Micropilot M FMR5x Dev Rev. 2 DD Rev. 2 • Levelflex FMP5x Dev Rev. 2 DD Rev. 2 • Liquiline pHORP CM42 Dev Rev. 2 DD Rev. 1 • Liquiline Conductivity CM42 Dev Rev. 2 DD Rev. 1 • Liquiline Oxygen CM42 Dev Rev. 1 DD Rev. 1
1.04.00	<p><u>New Devices added to the package:</u></p> <ul style="list-style-type: none"> • Cerabar S Rev 7 • Deltabar S Rev 7 • Deltapilot S Rev 7 • Promass 200 Rev. 1 • Prowirl 200 Rev. 1 <p><u>Improvements:</u></p> <ul style="list-style-type: none"> • -
1.03.00	<p><u>New Devices added to the package:</u></p> <ul style="list-style-type: none"> • Promag 53/55 Rev. 5 • Promass 83 Rev. 5 • Prosonic Flow 93 Rev 4 • T-Mass 65 Rev 2 <p><u>Improvements:</u></p> <ul style="list-style-type: none"> • -
1.02.00	<p><u>New Devices added to the package:</u></p> <ul style="list-style-type: none"> • Levelflex FMP5x <p><u>Improvements:</u></p> <ul style="list-style-type: none"> • -
1.01.00	<p><u>General:</u></p> <p><u>New Devices added to the package:</u> TMT162 Rev.2</p> <p><u>Improvements:</u></p> <ul style="list-style-type: none"> • Levelflex M FMP4x Rev.4 V1.04.xx Syntax error fixed • RID1x adding of maintenance instruction section. • Promag 53 Rev.4 third value additional information error fixed. • Following device has a new Error number: Cerabar M Rev.1 Deltabar M Rev.1 Deltapilot M Rev.1
1.00.00	<p><u>General:</u></p> <p>New types PRM_FF_COMPONENTS added. The following devices have been removed due to missing support of string syntax within PRM:</p> <p><u>FF:</u> Prosonic Flow 92 Rev1</p>

<p>Prowirl 72 Rev1 Prowirl 73 Rev1</p> <p><u>New Devices added to the package:</u> Display RID 1* Cerabar M Rev.1 Deltabar M Rev.1 Deltapilot M Rev.1</p> <p><u>Improvements:</u></p> <p>In case of a problem multiple diagnostic codes have been shown, now only the relevant diagnostic code is displayed and marked for the following devices:</p>

2 Installation

Verify that no PRM application is running. Use the DD installation utility from PRM to install the DDs and .cfg files. During the installation warnings could appear in fact of already installed files which are used in different setups. The .cfg file for Device Viewer can be deleted and replaced with a new one within the corresponding folder.

3 Deliverables

Component	Description of supported products
PRM_FF_Flow.zip	Driver package for flow FF devices
PRM_FF_Level.zip	Driver package for level FF devices
PRM_FF_Pressure.zip	Driver package for pressure FF devices
PRM_FF_Temp.zip	Driver package for temperature FF devices
PRM_FF_Components.zip	Driver package for component FF devices

4 Known problems and limitations

4.1 General

Devices which deliver the diagnostic information with a string variable cannot be supported due to the limitation of the PRM Device Viewer tool.

4.2 Flow setup

Prowirl 200 Rev.1 / Promass 200 Rev.1

- Operation of the device via DDMenu is not supported. Workaround : The device can be operated with the Parameter Manager or the DTM.
- DD Methods are not supported
- Diagnostic Faceplate is currently not available.

4.3 Level setup

No limitations known.

4.4 Pressure setup

No limitations known.

4.5 Temp setup

No limitations known.

4.6 Components setup

No limitations known

5 Setup Content

Each setup contains 2 types of files.

Device drivers are available on the Fieldbus Foundation Organisation homepage.

Configuration file for Device Viewer :	.cfg
Bitmap Image File including the device icon:	.bmp

PRM FF Device List

Package 1.05.00

Type	Device	Dev Rev.	DD Rev.	CFF Rev.	Device Type	Tested PRM Version		
Analysis	Liquiline M	CM42	2	1	2	10A0	R3.12	
	Liquiline M	CM42	2	1	2	10A1	R3.12	
	Liquiline M	CM42	1	1	2	10A2	R3.12	
Pressure	Cerabar M	PMx 5x	1	2	2	1019	R3.02	
	Cerabar S	PMx xxx	2	3	3	1007	R3.02	
	Cerabar S	PMx x7x	5	1	2	1007	R3.02	
	Cerabar S	PMx x7x	6	3	4	1007	R3.02	
	Cerabar S	PMx x7x	7	2	1	1007	R3.10	
	Deltabar M	PMD55	1	2	2	1021	R3.02	
	Deltabar S	xMD xxx	2	3	3	1009	R3.02	
	Deltabar S	xMD 7x	5	1	2	1009	R3.02	
	Deltabar S	xMD 7x	6	3	4	1009	R3.02	
	Deltabar S	xMD 7x	7	2	1	1009	R3.10	
	Level	Deltapilot M	DB 5x	1	2	2	1023	R3.02
		Deltapilot S	FMB70	1	2	2	100B	R3.02
Deltapilot S		FMB 70	6	3	4	100B	R3.02	
Deltapilot S		FMB 70	7	2	1	100B	R3.10	
Gammapilot M		FMG 60	1	4	2	1013	R3.02	
Gammapilot M		FMG 60	3	4	2	1013	R3.02	
Levelflex M		FMP4x	3	3	3	1012	R3.02	
Levelflex M		FMP4x	4	3	2	1012	R3.05	
Micropilot M		FMR2x	3	3	3	100F	R3.02	
Micropilot M		FMR2x	4	4	2	100F	R3.02	
Micropilot M		FMR2x	5	5	2	100F	R3.02	
Micropilot M		FMR5x	2	2	2	1028	R3.12	
Prosonic M		FMP 4x	3	3	3	1011	R3.02	
Prosonic M		FMP4x	4	3	2	1011	R3.02	
Levelflex FMP5x		FMP5x	1	2	2	1022	R3.05	
Levelflex FMP5x		FMP5x	2	2	2	1022	R3.12	
Flow		Promag 53	53x	2	2	3	1042	R3.02
	Promag 53/55	53x/55x	3	1	1	1042	R3.02	
	Promag 53/55	53x/55x	4	1	1	1042	R3.02	
	Promag 53/55	53x/55x	5	1	1	1042	R3.10	
	Promass 83	83x	2	2	3	1051	R3.02	
	Promass 83	83x	3	1	1	1051	R3.02	
	Promass 83	83x	4	1	1	1051	R3.02	
	Promass 83	83x	5	1	1	1051	R3.10	
	Promass	200	1	1	1	1054	R3.10	
	Prowirl	200	1	1	1	1038	R3.10	
	Prosonic Flow 93	93x	1	3	3	1059	R3.02	
	Prosonic Flow 93	93x	2	1	1	1059	R3.02	
	Prosonic Flow 93	93x	3	1	1	1059	R3.02	
	Prosonic Flow 93	93x	4	1	1	1059	R3.10	
	Prosonic Flow 92	92x	1	1	1	1061	R3.02	
	T-Mass 65	65x	1	1	1	1065	R3.02	
	T-Mass 65	65x	2	1	1	1065	R3.10	
Temperature	iTEMP	TMT162	1	2	3	10CC	R3.02	
	iTEMP	TMT162	2	2	2	10CC	R3.02	

PRM FF Device List

Package 1.05.00

Type	Device		Dev Rev.	DD Rev.	CFF Rev.	Device Type	Tested PRM Version
	iTEMP	TMT85	1	4	3	10CE	R3.02
Components	Display	RID1x	1	2	2	10CF	R3.02

* New Devices

* Driver Modification