

# Driver FEW530 / FEX630 PROFIBUS DP WaterMaster / ProcessMaster / HygienicMaster Electromagnetic Flowmeter

## Contents

1	Device - Revision Record - What is new? .....	3
1.1	Hardware ID: 3432.....	3
1.2	Firmware.....	3
1.3	Device (latest SW compatibility status).....	3
1.4	Supported devices.....	3
1.5	Cyber Security info .....	3
1.5.1	ABB recommendation .....	3
1.6	Licensing.....	3
2	DTM (Device Type Manager) .....	4
2.1	Supported devices.....	4
2.2	DTM (driver) Version record - What is new?.....	4
2.3	Supported Languages .....	4
2.4	Requirements.....	4
2.4.1	PC-Hardware, Operating system.....	4
2.4.2	Frame application / compatibility .....	4
2.5	(Un)Installation and configuration .....	4
2.5.1	Installation.....	4
2.5.2	Uninstall instructions.....	4
2.6	Update- / Upgrade instructions.....	4
2.7	Known problems and limitations .....	4
2.8	Getting help / further information .....	5
2.8.1	How to get the latest information & software?.....	5
3	GSD.....	5
3.1	Supported devices.....	5
3.2	GSD Version record - What is new?.....	5
3.3	Requirements.....	5
3.3.1	Control System application / compatibility.....	5
3.4	(Un)Installation and configuration .....	5
3.4.1	Linking Device/SK2 and SK1 hints.....	5
3.5	Known problems and limitations .....	5
3.6	Getting help / further information .....	5
3.7	How to get the latest information & software?.....	6
4	FDI (Field Device Integration).....	6
4.1	FDI Device Package Version record - What is new?.....	6
4.2	Supported devices.....	6
4.3	Supported Languages .....	6
4.4	Requirements.....	6



4.5	Import / remove and configuration .....	6
4.6	Update- / Upgrade instructions.....	6
4.7	Known problems and limitations .....	6
4.8	Getting help / further information .....	7
4.8.1	How to get the latest information & software?.....	7
	Contacts.....	8

\*) DTM500 Bundle Supplement Info is available on the data medium \documentation or latest on [www.abb.com/fieldbus](http://www.abb.com/fieldbus).  
Enter here in the search field following No. "3KXD801500R3901".

# 1 Device - Revision Record - What is new?

## 1.1 Hardware ID: 3432

Released Revision	Released Date	Remarks
01.00.00	June 2018	First release

## 1.2 Firmware

Released Revision	Released Date	Remarks
01.07.01	June 2018	First release

## 1.3 Device (latest SW compatibility status)

Released Revision	Released Date	Remarks
01	June 2018	First release

## 1.4 Supported devices

FEW530, FEP630, FEH630

Electromagnetic Flowmeter FEW530 / FEX630 PROFIBUS DP with HW Version 01.00.00, SW Version 01.07.xx and Device revision 01 or higher.

## 1.5 Cyber Security info

### 1.5.1 ABB recommendation

A virus scanner shall used on all PCs/Notebooks. McAfee VirusScan® Enterprise has been tested and qualified for this purpose.

## 1.6 Licensing

The "General terms of license for computer soft-ware utilization" are valid, which can found by searching on [abb.com](http://abb.com)

## 2 DTM (Device Type Manager)

### 2.1 Supported devices

Device name: Type designator

### 2.2 DTM (driver) Version record - What is new?

Released Version	Released Date	DTM LIBRARY Version	Remarks DTM
05.00.00	July 2018	≥ 05.05.00 / ≥ 05.00.22	First release Part of the DTM500 Bundle

The device DTM supports the standard FDT 1.2 / 1.2.1.

### 2.3 Supported Languages

The device DTM supports English

### 2.4 Requirements

#### 2.4.1 PC-Hardware, Operating system

See DTM500 Bundle Supplement Info\*)

#### 2.4.2 Frame application / compatibility

See DTM500 Bundle Supplement Info\*)

### 2.5 (Un)Installation and configuration

#### 2.5.1 Installation

See DTM500 Bundle Supplement Info\*)

#### 2.5.2 Uninstall instructions

See DTM500 Bundle Supplement Info\*)

### 2.6 Update- / Upgrade instructions

See DTM500 Bundle Supplement Info\*)

### 2.7 Known problems and limitations

Additionally to the common hints in the DTM500 Bundle Supplement Info\*) attached the device driver specific hints.

None known

## 2.8 Getting help / further information

Press 'F1' for DTM online help.

Help concerning the integration of the DTM in the FDT frame application can found in the respective documentation of the frame application.

### 2.8.1 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on [www.abb.com/measurement](http://www.abb.com/measurement)

## 3 GSD

### 3.1 Supported devices

FEW530, FEP630, FEH630

### 3.2 GSD Version record - What is new?

Released Version	Released Date	Remarks
01.00.00	March 2019	First release

### 3.3 Requirements

#### 3.3.1 Control System application / compatibility

For all certified PROFIBUS Frame applications by PI (PROFIBUS International)

### 3.4 (Un)Installation and configuration

Start your application and follow the instructions.

#### 3.4.1 Linking Device/SK2 and SK1 hints

### 3.5 Known problems and limitations

None known

### 3.6 Getting help / further information

Help concerning the integration of the driver in the application can be found in the respective documentation of the application.

### 3.7 How to get the latest information & software?

The latest device driver Supplement Info & soft-ware (driver) is available on [www.abb.com/measurement](http://www.abb.com/measurement)

## 4 FDI (Field Device Integration)

FDI Package (EDD based)

### 4.1 FDI Device Package Version record - What is new?

Released Date	Package Version	EDD Re-leased Version (Dev Rev)	Attachment (revision)	UIP Released Version (00.00.00)	UIP Changed UIP file count	Remarks (EDD, Attachment, UIP)
Jan. 2019	01.00.01	01 02	FEP630_FEH630_family_256x256.png, OI_FEP610_FEH610_EN_D.pdf	none	no	First release

### 4.2 Supported devices

FEW510, FEP610, FEH610  
FEW530, FEP630, FEH630

### 4.3 Supported Languages

The device Package supports English.

### 4.4 Requirements

FDI Technology Version 1.x.x

### 4.5 Import / remove and configuration

Start your EDD Host application and follow the instructions.

### 4.6 Update- / Upgrade instructions

### 4.7 Known problems and limitations

None known

## 4.8 Getting help / further information

Help concerning the integration of the Package in the FDI frame application can found in the respective documentation of the frame application.

Use mouse over for field hints and tooltips.

### 4.8.1 How to get the latest information & software?

The latest device driver Supplement Info & software (driver) is available on [www.abb.com/measurement](http://www.abb.com/measurement).

## Contacts

—

### **ABB Limited**

#### **Measurement & Analytics**

Howard Road, St. Neots  
Cambridgeshire, PE19 8EU  
UK

Tel: +44 (0) 870 600 6122

Fax: +44 (0)1480 213 339

Email: [enquiries.mp.uk@gb.abb.com](mailto:enquiries.mp.uk@gb.abb.com)

### **ABB Inc.**

#### **Measurement & Analytics**

125 E. County Line Road  
Warminster, PA 18974  
USA

Tel: +1 215 674 6000

Fax: +1 215 674 7183

[www.abb.com/measurement](http://www.abb.com/measurement)

### **ABB Automation Products GmbH**

#### **Measurement & Analytics**

Schillerstr. 72  
32425 Minden  
Germany

Tel: +49 571 830-0

Fax: +49 571 830-1806

Email: [www.abb.com/contact](http://www.abb.com/contact)

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail.

ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.

**Copyright© 2019 ABB**

All rights reserved