

Fieldmate

Step by Step

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按下面方式连接modem和仪表

② Connect Transmitter

Type A, Use the built-in power supply.



- Set switch to the position "24V/270Ω", pay attention to the positive and negative polarity of the 24V output.
- This is typical usage , avoids complex wiring and conditions
- Because the four-wire meter has an independent power supply interface, do not use Modem to power it.
- ! Do not connect PLC and external power supply to avoid conflicts and malfunctions

Install 安装Fieldmate

1、Download 下载Fieldmate

- Method 1 : <https://www.yokogawa.com/library/documents-downloads/software/software-fieldmate-lite-edition-free-download/>
- Method 2 : http://doc.woyatech.com/modem/cn/03_fieldmate/FieldMate.rar

2、Install Fieldmate 安装

- Note that you can install according to the default path
- 安装到默认的路径中

Download DD 下载和安装DD库

1、Download DD/下载DD库

- http://doc.woyatech.com/modem/cn/03_fieldmate/dd.exe

2、Get Password / 联系供应商获取安装密码

- support@woyatech.com
- 电话 13681860506
- 微信/WeChat 13681860506

Download DD for HCF (Optional 可选)

You need to download the DD file yourself. The download method is organized as follows 。 需要自行下载DD文件。

1) HART Foundation official website : <https://www.fieldcommgroup.org/registered-products>

2) Search for the corresponding model, the following figure is to search the DD file of TMT182 temperature transmitter. Click to download the DD compressed package. See the previous chapter for the decompression method 。

Search by Product Name

Protocol

Any

FOUNDATION Fieldbus

HART

Category

Manufacturer

Show only FDI Device Packages

GRID VIEW **TABLE VIEW**

Product Name	Category	Manufacturer
TMT182	Temperature	Endress+Hauser

TMT182



VERSION

2

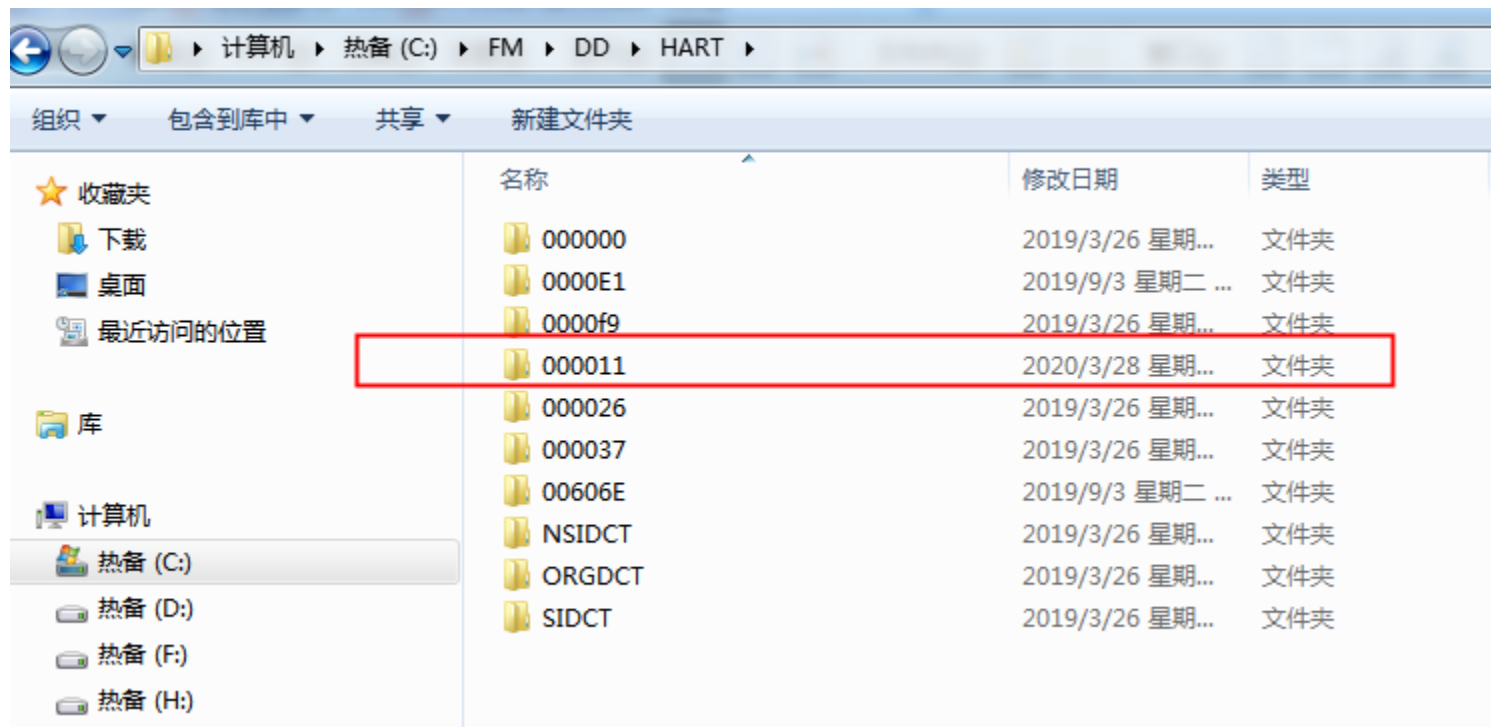
REGISTERED PRODUCT INFORMATION

Manufacturer:	Endress+Hauser
Product Name:	TMT182
Product Description:	Temperature head tra
Protocol:	HART
Category:	Temperature
Profile:	HART EDD Only

REGISTERED PRODUCT DETAILS

Unzip DD Of HCF/解压DD文件

1、Unzip to C:\FM\DD\HART 一般解压到此C:\FM\DD\HART目录

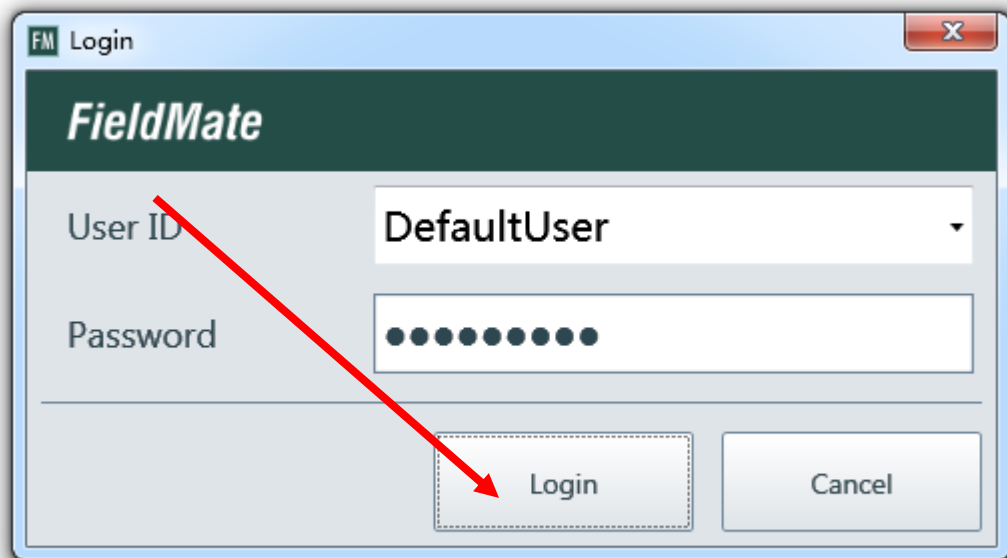


Use fieldmate 使用方法

Please refer to the software description provided by Yokogawa official website
<https://www.yokogawa.com/solutions/products-platforms/industrial-networking/device-smart-communicators-2/mobile-field-device-management-fieldmate/>

now you can use fieldmate software to set all the parameters of your transmitter.

fieldmate的使用方法可参考下面截图



FM Login

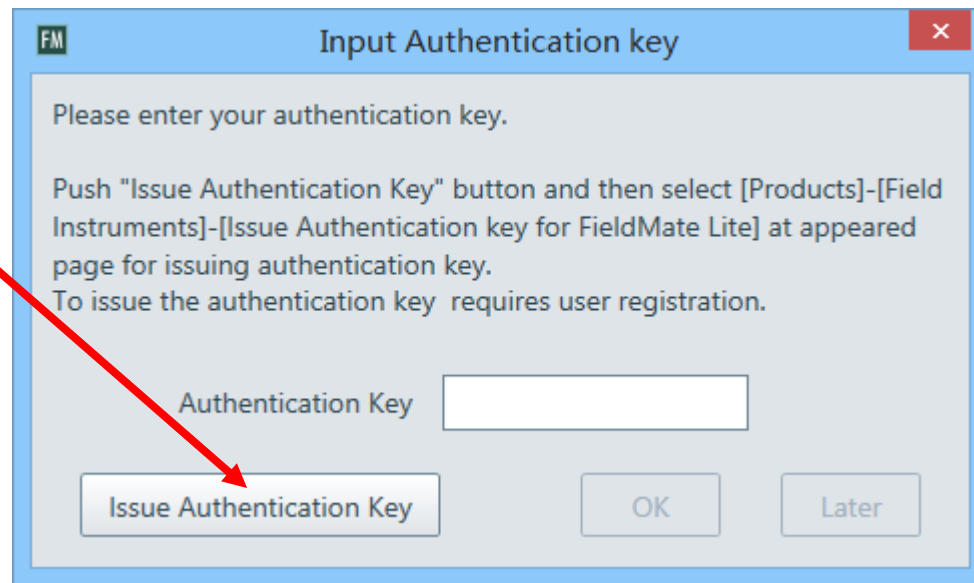
FieldMate

User ID: DefaultUser

Password: [Masked]

Login Cancel

A red arrow points from the top-left of the 'Login' button to the 'DefaultUser' dropdown menu.



FM Input Authentication key

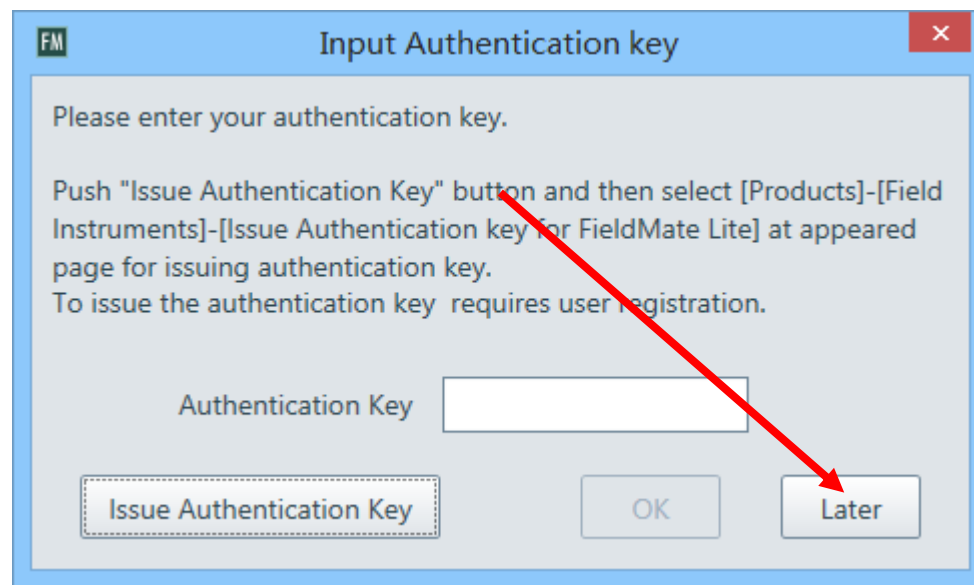
Please enter your authentication key.

Push "Issue Authentication Key" button and then select [Products]-[Field Instruments]-[Issue Authentication key for FieldMate Lite] at appeared page for issuing authentication key.
To issue the authentication key requires user registration.

Authentication Key: [Input Field]

Issue Authentication Key OK Later

A red arrow points from the top-left of the 'Issue Authentication Key' button to the 'Authentication Key' input field.



FM Input Authentication key

Please enter your authentication key.

Push "Issue Authentication Key" button and then select [Products]-[Field Instruments]-[Issue Authentication key for FieldMate Lite] at appeared page for issuing authentication key.
To issue the authentication key requires user registration.

Authentication Key: [Input Field]

Issue Authentication Key OK Later

A red arrow points from the top-right of the 'Later' button to the 'Authentication Key' input field.

Update

Communications

- HART
- FOUNDATION
- PROFIBUS
- BRAIN
- ISA100(I)
- ISA100(G)
- HART
- Modbus
- Modbus
- HART (CENTUM N-IO)

User Manager...

Options

HART Modem Configuration...

FOUNDATION fieldbus Interface Configuration...

PROFIBUS Interface Configuration...

BRAIN Modem Configuration...

ISA100 (Infrared) Interface Configuration...

ISA100 (Gateway) Interface Configuration...

Modbus Interface Configuration...

HART(CENTUM N-IO) Interface Configuration...

FDT Project...

Maintenance Info Records : 3 (Max on Lite edition: 7)



HART

Controls (0x000013)

5200_H5 (0x0009)

1

30953D83B

Protect :---

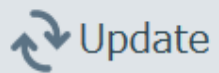
Action

Attach Message.

All Parameters

截图(Alt + A)

User ID : Default



Update



Cancel

Enabled Device Maintenance Info Records : 3 (Max on Lite edition: 7)



Communication Path <



HART



FOUNDATION fieldbus



PROFIBUS



BRAIN



ISA100(Infrared)



ISA100(Gateway)



HART(Adapter)



Modbus(Adapter)



Modbus



HART (CENTUM N-IO)

Segment Viewer > HART



Fisher Controls (0x000013)

DVC6200_H5 (0x0009)

Action

Attach Message.



FM HART Modem Configuration

COM Port

COM3 STMicroelectronics Virtual COM Port

Search Max Address

0

Retry count



2











OK

Close




Enabled Device Maintenance Info Records : 3 (Max on Lite edition: 7)

 Update  Cancel

- Communication Path <
-  HART
 -  FOUNDATION fieldbus
 -  PROFIBUS
 -  BRAIN
 -  ISA100(Infrared)
 -  ISA100(Gateway)
 -  HART(Adapter)
 -  Modbus(Adapter)
 -  Modbus
 -  HART (CENTUM N-IO)

Segment Viewer > HART

  Fisher Controls (0x000013)
DVC6200_H5 (0x0009)
Rev :1
ID :130953D83B
Write Protect :---

Action

Attach Message.

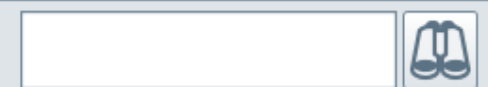




Update Cancel

Enabled Device Maintenance Info Records : 3 (Max on Lite edition: 7)



- Communication Path <
- HART
 - FOUNDATION fieldbus
 - PROFIBUS
 - BRAIN
 - ISA100(Infrared)
 - ISA100(Gateway)
 - HART(Adapter)
 - Modbus(Adapter)
 - Modbus
 - HART (CENTUM N-IO)

Segment Viewer > HART

Fisher Controls (0x000013)
 DVC6200_H5 (0x0009)
 Rev :1
 ID :130953D83B
 Write Protect :---

Action

All Parameters

Attach Message.













Scan Address :0 (0 - 0)

User ID :Default

Update Cancel

Communication Path <

-  HART
-  FOUNDATION fieldbus
-  PROFIBUS
-  BRAIN
-  ISA100(Infrared)
-  ISA100(Gateway)
-  HART(Adapter)
-  Modbus(Adapter)
-  Modbus
-  HART (CENTUM N-IO)

Segment Viewer > HART

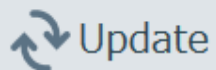
  Fisher Controls (0x000013)
 DVC6200_H5 (0x0009)
 Rev :1
 ID :130953D83B
 Write Protect :---

Action

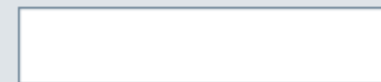
- Attach Message
- Open Device Maintenance Info...
- Assigned DTM...
- Select DTM...
- Parameter Manager...
- Device Viewer...
- Tag/Address Assignment...
- Export Device Maintenance Info...
- Install DD File...
- Device Icon Setting...



User ID : Defau



Enabled Device Maintenance Info Records : 3 (Max on Lite edition: 7)



Communication Path <



HART



FOUNDATION fieldbus



PROFIBUS



BRAIN



ISA100(Infrared)



ISA100(Gateway)



HART(Adapter)



Modbus(Adapter)



Modbus



HART (CENTUM N-IO)

Segment Viewer > HART

A

A

A



4

Fisher Controls (0x000012)

Message.



FM Select DTM

DTM Name	DTM Revision	DTM Venc
EJX FDT2.0 HART DTM	5.1.0.1	YOKOGAWA
EJA-NEXT FDT2.0 HART7 DTM	5.1.0.1	YOKOGAWA
EJA-NEXT FDT2.0 HART DTM	5.1.0.1	YOKOGAWA
ROTAMASS3 FDT2.0 HART DTM	5.1.0.1	YOKOGAWA
EJA-NEXT-LP FDT2.0 HART7 DTM	5.1.0.1	YOKOGAWA
EJX910 FDT2.0 HART7 DTM	5.1.0.1	YOKOGAWA
EJX910 FDT2.0 HART DTM	5.1.0.1	YOKOGAWA
HART Built-in DTM	3.5.4.126	YOKOGAWA

Assign selected DTM to this device model.

OK Cancel



Load options for DTM data

- Load from Database
- Load from File
- Load Default Data

OK

Cancel



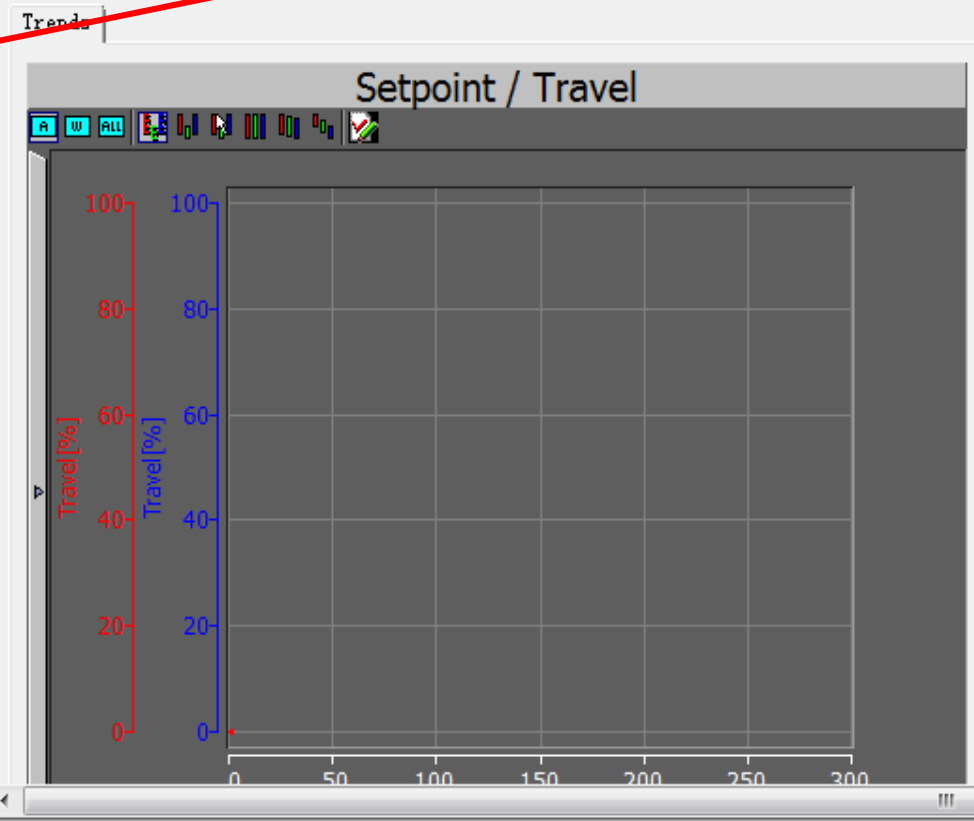


Device Information Online Parameter X

Device Type: 0x0009 Device Tag: 4
Device Rev: 1 Device ID: 53D83B



- Top
- Favorite
- Menu (Online)**
- Device Configuration
 - Configure
 - Guided Setup
 - Manual Setup
 - Alert Setup
 - Calibration
 - Diagnostics
 - Service Tools
 - Alerts
 - Diagnostics
 - Variables
 - Trends**
 - Maintenance
 - Process Variable
 - Overview
 - Maintenance
- Menu (Offline)



从设备上传 下载到设备

选项...

Event Viewer

DefaultUser Engineer BIC

Connected Dataset

