

CoriolisMaster FCB100, FCH100

Coriolis Mass Flowmeter

LOI – Local Operating Interface

A PC / notebook and the USB interface cable (3KXS310000L0001) are needed to configure the device via the local operating interface of the device.

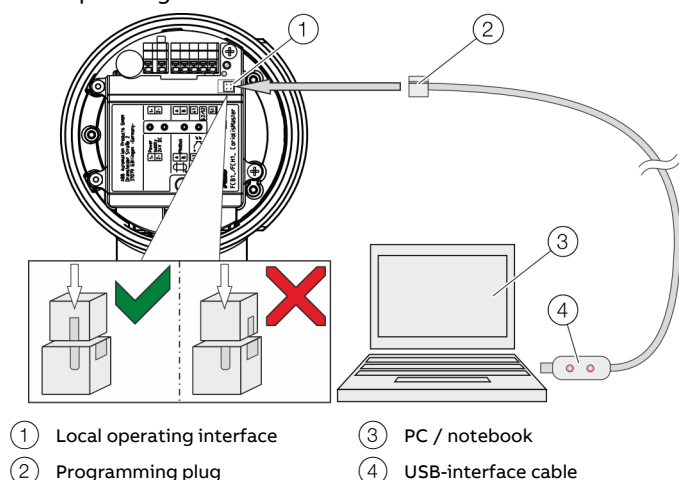


Figure 1: Connection to the local operating interface

Connection on the device

1. Open device terminal box.
2. Connect programming plug to the local operating interface of the device.
3. Insert USB interface cable into a free USB female connector on the PC / notebook.

Note

Any required drivers are automatically installed by Windows®. If installation of the drivers does not start automatically, search for the drivers using the Windows driver search. If you do not have an Internet connection, use the 'Prolific Driver' software packages.

4. Switch on the device power supply.
5. Perform parameterization of the device.

Installation of ABB Field Information Manager (FIM)



Download the ABB Field Information Manager (FIM) using the adjacent download link.



Download the ABB FDI package using the following download link.

Installation of the software and connection to the flowmeter:

1. Install ABB Field Information Manager (FIM).
2. Unpack the ABB FDI package into the c:\temp folder.
3. Connect the flowmeter with the PC / laptop, see Connection on the device on page 1.
4. Power-up the power supply for the flowmeter and start the ABB Field Information Manager (FIM).
5. Drag and drop the 'ABB.FCXxxx.02.00.00.HART.fdx' file (or a newer version) to the ABB Field Information Manager (FIM). No special view is needed for this.
6. Right-click ① as shown in Figure 2.

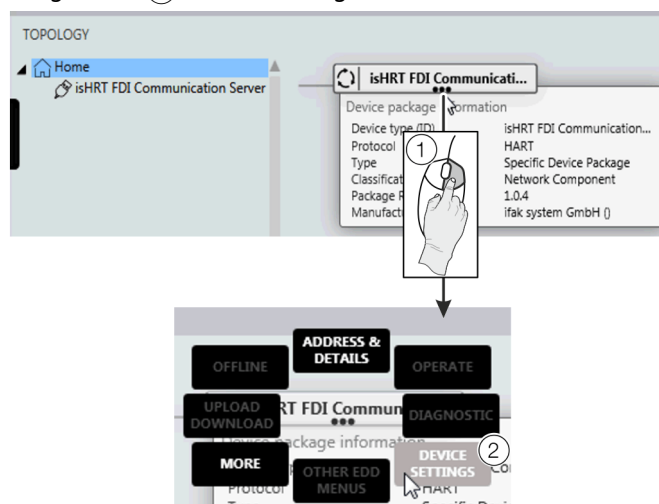


Figure 2: Select FIM – 'Device Settings'

7. Select 'DEVICE SETTINGS' ② as shown in Figure 2.

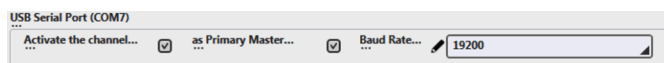


Figure 3: Select FIM – COM-Port

8. Select the corresponding COM port. Close the menu by clicking on “send”.
9. By using the  menu button on the left side, the flowmeter is displayed under ‘TOPOLOGY’.

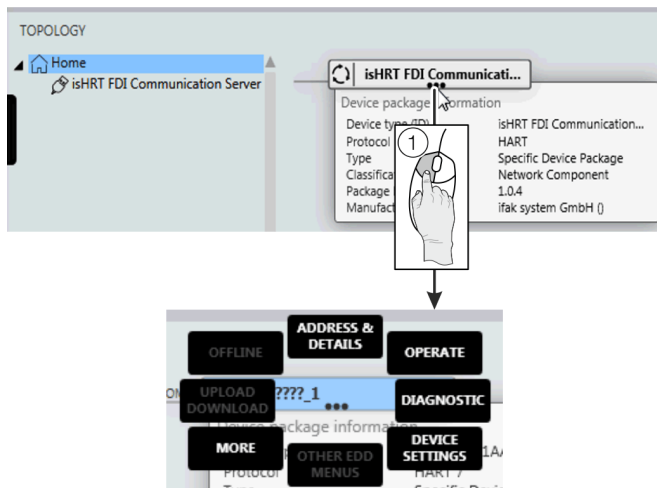


Figure 4:

All the submenus can be accessed by clicking the three points below the tag name of the flowmeter with the left mouse button ①.

ABB Measurement & Analytics

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