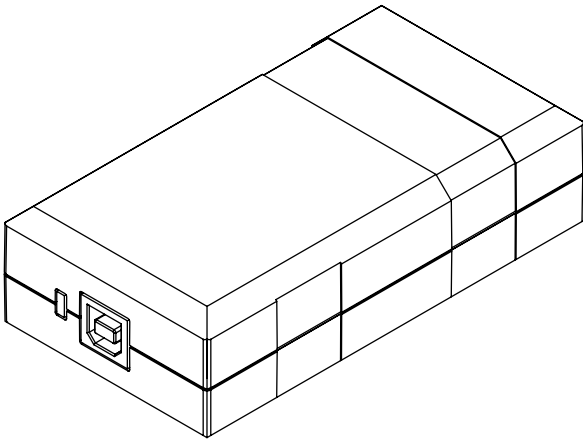


# SIEMENS



**FDUZ227**

**MCL-USB adapter (radio)**

**Mounting**

## Legal notice

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# 1 About this document

## Goal and purpose

This document contains all the information required to install and use the FDUZ227 adaptador MCL-USB (inalámbrico).

## Description

The FDUZ227 is an interface converter for USB on MC link. The adapter connects FD20/FD720 devices to a PC using a serial protocol (MCL). The MC link cable FDUD291-A is required for the cable connection.

The FDUZ227 is used for device firmware updates (e.g. FDCW241 gateway inalámbrico) or for maintenance.

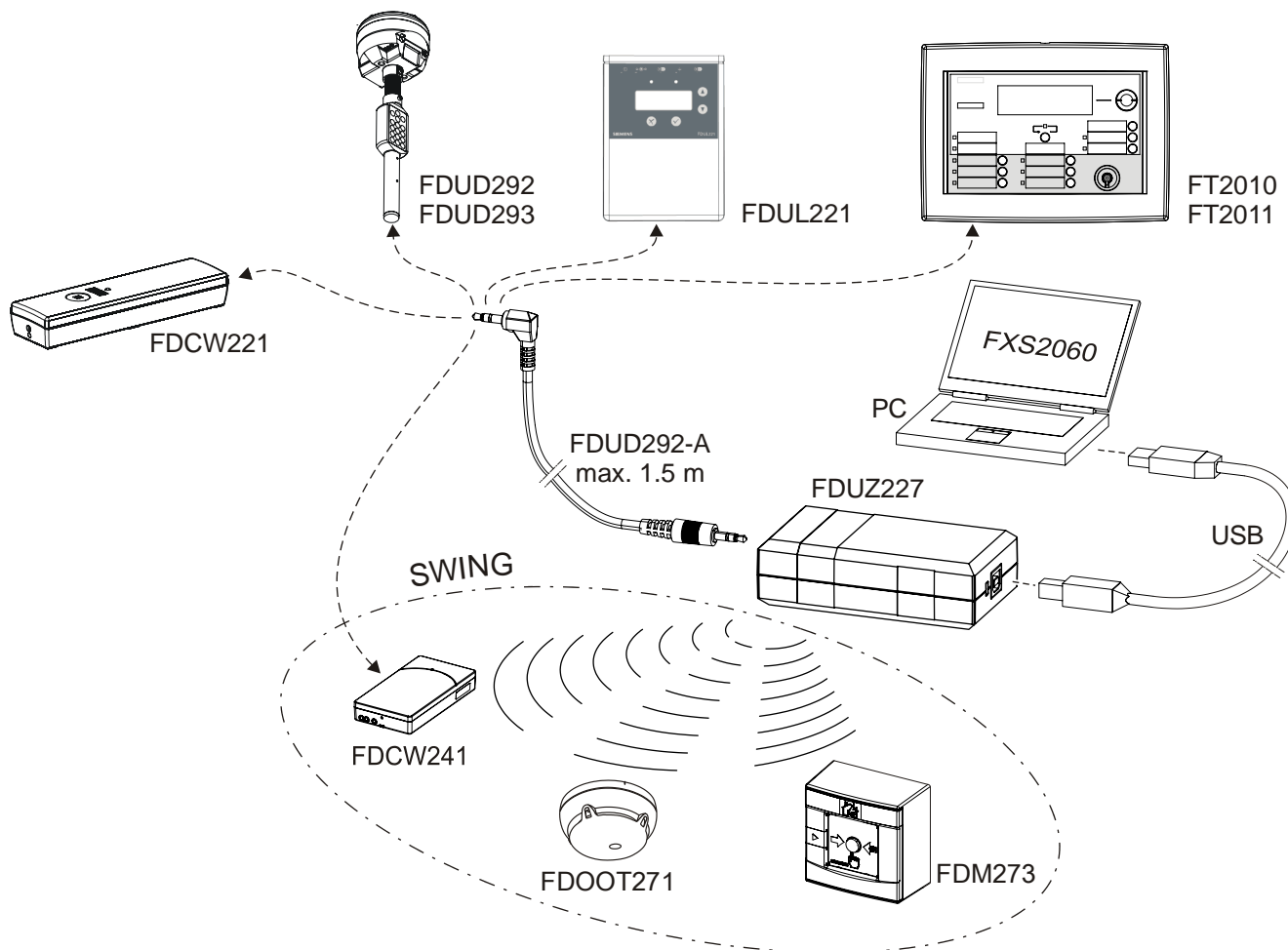
The FDUZ227 requires no maintenance and does not need to be calibrated.

The FDUZ227 is compatible with:

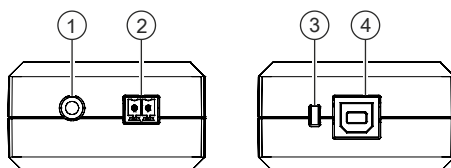
- Floor repeater terminal FT2010 via cable connection
- Floor repeater display FT2011 via cable connection
- Radio gateway FDCW221 via cable connection
- Radio gateway FDCW241 via cable or radio connection
- Radio manual call point FDM273 via radio connection
- Radio fire detector FDOOT271 via radio connection
- Detector exchanger and tester FDUD292 via cable connection
- Intelligent detector tester FDUD293 via cable connection
- Line tester FDUL221 via cable connection

## 2 Setup

### Overview



### Connections and displays



- 1 Connection for MC link cable FDUD292-A
- 2 FDnet Spy connection

- 3 LED status display
- 4 USB-B connection for USB cable

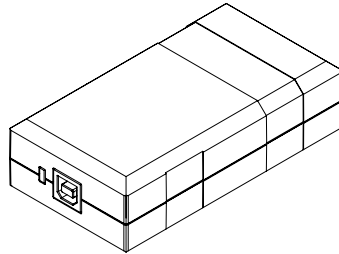
### Scope of delivery

The following are included in the scope of delivery:

- adaptor MCL-USB (inalámbrico) FDUZ227
- MC link cable FDUD292-A for establishing a cable connection with FD20/FD720 devices
- USB cable for connecting FDUZ227 to a PC

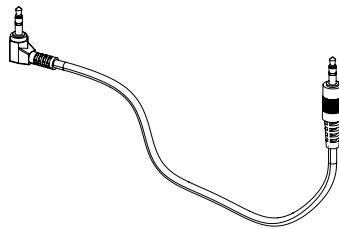
## 3 Details for ordering

### 3.1 MCL-USB radio adapter FDUZ227



- For connecting FDnet/C-NET devices to a personal computer
- Signals can be transmitted to SWING radio devices via radio
- Interface converter for USB on MC link
- Compatible with:
  - Floor repeater terminal FT2010
  - Floor repeater display FT2011
  - Radio gateway FDCW221 and FDCW241
  - Detector exchanger and tester FDUD292
  - Intelligent detector tester FDUD293
  - Line tester FDUL221
  - Radio manual call point FDM273
  - Radio fire detector FDOOT271
- For details, please refer to document A6V10347735
- Order no.: S54323-F106-A1

### 3.2 MC link cable FDUD292-A



- For connecting FDnet/C-NET devices to a adaptor MCL-USB (inalámbrico)
- Compatible with:
  - Floor repeater terminal FT2010
  - Floor repeater display FT2011
  - Radio gateway FDCW221 and FDCW241
  - Detector exchanger and tester FDUD292
  - Intelligent detector tester FDUD293
  - Line tester FDUL221
- Order no.: A5Q00004990

## 4 Installing the USB driver TUSB3410

- ▷ PC capable of loading the driver is available
- Load the installation file for TUSB3410 from:  
<http://www.siemens.com/FDUZ227-driver>
  - You will find more information on installation in document A6V10348930 'Driver Installer and Uninstaller for TUSB3410 based devices'. If 'setup.exe' does not start automatically, load the file manually.
- ⇒ The USB driver is installed and is available for the system to use.

## 5 Functions

### 5.1 Carrying out a device firmware update

- ▷ A PC with access to the update is available.
  - ▷ The MC link cable must not exceed 1.5 m in length.
  - ▷ The USB driver TUSB3410 has been installed.
1. Connect the USB cable to the PC and the FDUZ227. Wait until the status LED on the FDUZ227 lights up continuously.
  2. Start the application with which you want to carry out the firmware update, e.g. FXS2061 SWING tool.
  3. Set up the COM interface of the FDUZ227 in the application.
    - You can identify the COM interface via 'Control Panel' > 'System' > 'Hardware' > 'Device Manager' > 'Ports (COM)'.
  4. Connect the MC link cable FDUD292-A to the FD20/FD720 device and the FDUZ227.
    - In the case of a firmware update for the FDUZ227, you can leave the MCL interface open.
  5. Carry out the firmware update. Pay attention to the description in the documents listed below.
- ⇒ The firmware update is complete.

If you encounter any problems, please contact the Customer Support Center:

Tel. +49 89 9221-8000

#### Applicable documents

Document ID	Title
009078	FS20 Fire detection system - Configuration
010107	FX2040 periphery update tool, operation
A6V10227643	Technical manual SWING tool FXS2061



## 5.2 Line tester operation with PC


The FDUZ227 can be used to connect the line tester FDUL221 to the PC. The 'LineTester Application' PC software is supplied on a CD with the FDUL221 or can be downloaded from the Intranet. =><https://intranet.sbt.siemens.com/fs/CSC/>

## 5.3 FDnet Spy interface

The FDnet Spy interface can be used with the FDnet Recorder Software in order to record FDnet and C-NET information. If required, the FDnet Recorder Software can be ordered via the Customer Service Center.

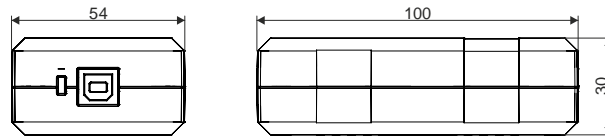
## 6 Specifications

### 6.1 Technical data

<b>Supply</b>	Operating voltage via USB connection	DC 5 V	
<b>Radio</b>	Sending/receiving aerials	Dual band aerial	
	Radio transmission:		
	● Frequency range	868...870 MHz SRD band 433...435 MHz	
	● Channel grid	50 kHz	
	● Number of channels	27 in 868-MHz band 20 in 433-MHz band	
	● Transmitting power	<10 mW ERP	
	● Range:	10 m	
<b>Connections</b>	To the PC:		
	● USB-B	Socket	
	To the device:		
	● MC link	Socket	
<b>Ambient conditions</b>	Permitted ambient temperature:	-10...+55 °C	
	Storage temperature	-20...+60 °C	
	Air humidity	≤ 95 % rel.	
	Protection categories according to EN 60529 / IEC 60529:	IP30	
	Electromagnetic compatibility:		
	100 kHz...2.5 GHz	30 V/m	
<b>Mechanical data</b>	Weight	77 g	
	Housing material	Polycarbonate (PC) Makrolon 9125	
	Color	~RAL 9002 gray white	
<b>Standards</b>	European standards	EN 300220-2 EN 301489-3 EN 60950	
	International standards	ISO 9001 ISO 9004	
	Siemens standards	SN 36350	
	<b>Approvals</b>	EC Certificate of Conformity:	
		RTTE 1999/5/EC	

## 6.2 Dimensions

FDUZ227 adaptador MCL-USB (inalámbrico)



## 6.3 Environmental compatibility and disposal



This device is manufactured using materials and procedures which comply with current environmental protection standards as best as possible. More specifically, the following measures have been undertaken:

- Use of reusable materials
- Use of halogen-free plastics
- Electronic parts and synthetic materials can be separated

Larger plastic parts are labeled according to ISO 11469 and ISO 1043.

The plastics can be separated and recycled on this basis.



Electronic parts and batteries must not be disposed of with domestic waste.

- Take electronic parts and batteries to local collection points or recycling centers.
- Contact local authorities for more information.
- Observe national requirements for disposing of electronic parts and batteries.

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