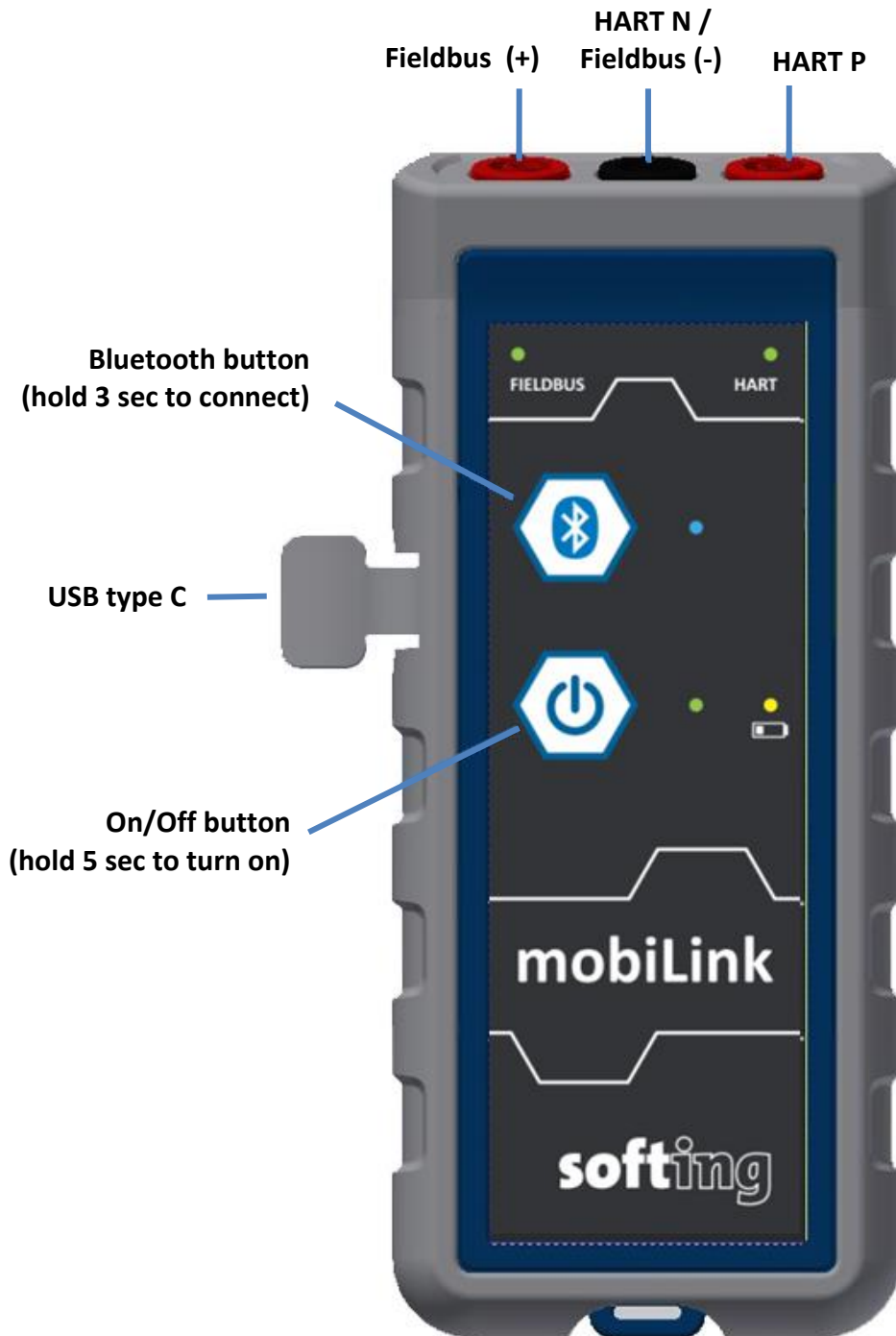


**mobiLink**

# USA and Canada





# Getting started

Read this quick guide before you unpack, install and operate mobiLink.

## Unpacking your mobiLink

1. Take the device and the accessory parts out of the box.
2. Save box and packing material for future use.
3. Verify that the following items are contained undamaged:
  - ✓ mobiLink device
  - ✓ USB cable (2m)
  - ✓ red and black testing cables with clamp
  - ✓ 3 AA batteries

## Setting up your mobiLink

1. Depending on your use case (configuration/parameterization) download the *MOBILINKdtm* or the *Communication Configuration Tool* from the product website. Scan the QR code on the back page for quick access.
2. Double-click the setup file to start the installation.
3. Select the installation language.
4. Follow the install wizard instructions.
5. Read the **User Guide** available for download.

## Startup and Operation

Insert the batteries, switch on the mobiLink and wait 5 seconds until the device has started. The operation of mobiLink requires the use of management tools like FDT frame applications or configuration tools on Windows PCs or tablets or smartphones.

See the **User Guide** for safety requirements and details on how to set up a USB and Bluetooth communication and how to configure the fieldbus and HART connection.

During startup mobiLink tries to verify the operation mode against the connected fieldbus. If fieldbus terminals are connected to an operating 4-20 mA link this will compromise the analog process value. Make sure to use the correct connections and mode.

## Safety

mobiLink must be operated by qualified personal only. To ensure the safety of personnel and equipment, mobiLink must be used as intended and in accordance with local laws and regulations. See also the **User Guide** for safety requirements and regulations.

## Transport and Maintenance

Remove the batteries for transport from the device to ensure that mobiLink is mechanically secured against being switched on inadvertently. Periodically wipe the housing with a damp cloth. Do not use abrasives or solvents. Do not clean the device inside hazardous areas! mobiLink does not contain user serviceable parts. No modifications or repair on the device are allowed. The operator is responsible for the transportation and maintenance of the product.

## Explosion protection

mobiLink has been developed for use in hazardous areas, classified as Zone 1/Zone 2. It is approved for explosion group IIC and temperature Class T4 or higher. Make sure that you use mobiLink only in compliance with local safety requirements for installation of electrical equipment in explosive atmospheres. See the **User Guide** for details.



Do not use the USB communication mode inside hazardous areas!

## Declaration of conformity

This product meets all requirements of the applicable FCC and FM standards.

## Bluetooth

This product has been tested and approved for Bluetooth wireless communication in the following regions and countries:



## Certification of conformity

This product is FM and FCC certified and was found to comply with the standards and requirements indicated by the following marks:



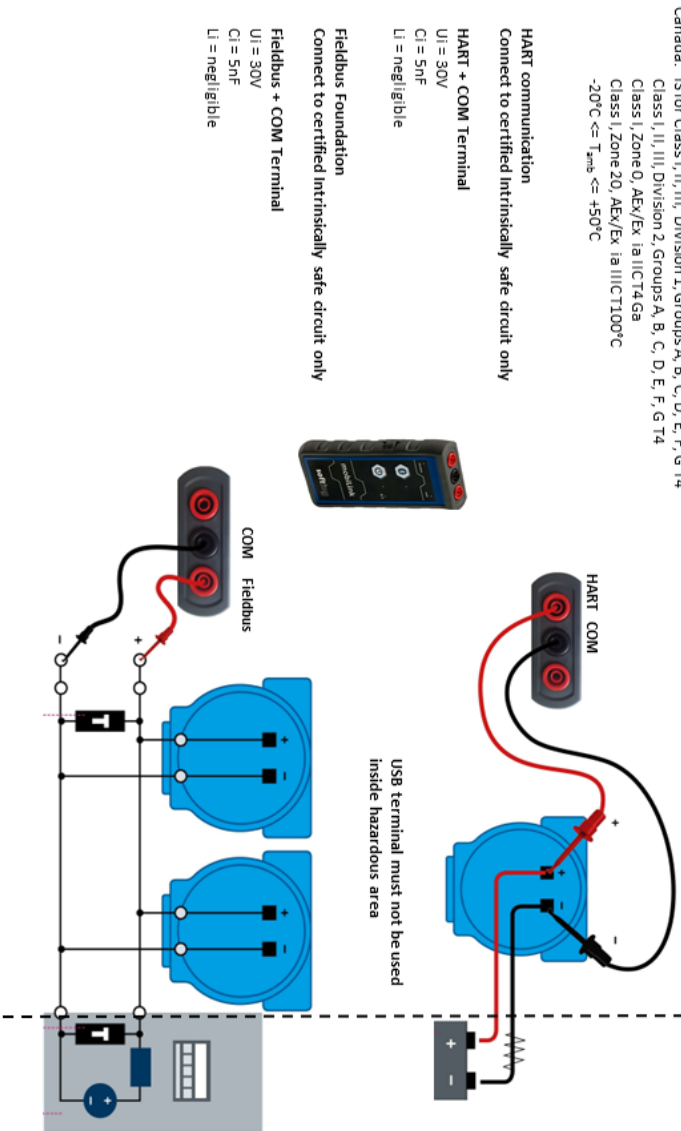
### HAZARDOUS (CLASSIFIED) LOCATION

US:  
 IS for Class I, II, III, Division 1, Groups A, B, C, D, E, F, G T4  
 Class I, II, III, Division 2, Groups A, B, C, D, E, F, G T4  
 Class I, Zone 0, AEx/Ex Ia IICT4 Ga  
 Class I, Zone 20, AEx/Ex Ia IICT100°C

Canada: IS for Class I, II, III, Division 1, Groups A, B, C, D, E, F, G T4  
 Class I, II, III, Division 2, Groups A, B, C, D, E, F, G T4  
 Class I, Zone 0, AEx/Ex Ia IICT4 Ga  
 Class I, Zone 20, AEx/Ex Ia IICT100°C  
 -20°C ≤ T<sub>amb</sub> ≤ +50°C

### NONHAZARDOUS LOCATION

or  
 Hazardous (Classified) location  
 as identified on the product label



HART communication  
 Connect to certified intrinsically safe circuit only

HART + COM Terminal  
 UI = 30V  
 CI = 5mF  
 LI = negligible

Fieldbus Foundation  
 Connect to certified intrinsically safe circuit only

Fieldbus + COM Terminal  
 UI = 30V  
 CI = 5mF  
 LI = negligible

#### Notes:

1. Installation must be in accordance with ANSI/ISA-SP12.06.01 "Installation of Intrinsically Safe Systems for Hazardous (Classified) Locations" and the National Electrical Code® (ANSI-NFPA 70).
2. Installation in Canada should be in accordance with the Canadian Electrical Code, CSA C22.1, Part 1, Appendix F.
3. Installation and commissioning of the device must be performed by trained personnel only.
4. This drawing describes the use of the mobilink. It is not intended as a reference for installing a fieldbus.
5. USB must not be used inside hazardous areas.
6. Do not remove or install batteries within Ex hazardous areas.
7. Use only approved batteries. The use of other batteries will invalidate the Ex approval and present a safety risk.
8. Do not mix battery from different manufactures and Do not mix new with used batteries.
9. Never use mobilink with an open housing.
10. See also the safety information in the user manual.
11. No revision to this drawing is permitted without FM approval.

This document contains safety-relevant information. It must not be altered without the authorization of the norm expert.

WARNING:  
 DO NOT OPEN INSIDE HAZARDOUS AREAS.  
 RISK OF EXPLOSION IF BATTERY IS  
 REPLACED. ALWAYS USE BATTERIES OF  
 SAME TYPE AND CAPACITY. PROPERLY  
 DISPOSE OF USED BATTERIES. SEE  
 INSTRUCTIONS FOR DETAILS

AVERTISSEMENT:  
 AFIN DE PRÉVENIR L'INFLAMMATION D'  
 ATMOSPHÈRES DANGEREUSES, NE  
 CHANGER LES BATTERIES QUE DANS DES  
 EMPLACEMENTS DÉSIGNÉS NON  
 DANGEREUX

**softing** Softing Industrial  
 Automation GmbH  
 D-85540 Haar, Germany

FM CONTROL DRAWING FOR mobilink  
 FORENTITY AND FISCO IS INSTALLATIONS

A	11/08/2019	Drawing Number mobilink_CD/WG2019/1108	Rev: 0
SHEET			1 of 1

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