



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx IBE 18.0001

Issue No: 1

Certificate history:

Issue No. 1 (2019-05-09)

Issue No. 0 (2018-04-18)

Status: **Current**

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Date of Issue: **2019-05-09**

Applicant: **Softing Industrial Automation GmbH**
Richard-Reitzner-Allee 6
85540 Haar
Germany

Equipment: **mobLink**

Optional accessory:

Type of Protection: **intrinsic safety "i"**

Marking:

Ex ib [ia Ga] IIC T4 Gb

Ex ib [ia Da] IIIC T100 °C Db

Approved for issue on behalf of the IECEx
Certification Body:

Dipl.-Ing. Alexander Henker

Position:

Head of Certification Body

Signature:
(for printed version)

Date:

2019-05-09

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

IBExU Institut für Sicherheitstechnik GmbH
Certification Body
Fuchsmühlenweg 7
09599 Freiberg
Germany



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Manufacturer: **Softing Industrial Automation GmbH**
Richard-Reitzner-Allee 6
85540 Haar
Germany

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0
IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/IBE/ExTR18.0002/00](#) [DE/IBE/ExTR18.0002/01](#)

Quality Assessment Report:

[DE/PTB/QAR11.0002/04](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

mobiLink is a handheld battery-powered interface providing access to HART devices, Foundation Fieldbus devices or PROFIBUS PA devices from personal computers, tablet computers or smartphones via USB or Bluetooth connections.

mobiLink may be used in hazardous areas to configure and manage field devices. It may be connected to certified intrinsically safe fieldbus circuits during operation.

According to FISCO, IEC60079-11 annex G, it is a field device.

The user has to ensure that the electrical parameters of the mobilink match the fieldbus installation.

Safety relevant hint:

USB must not be used inside hazardous areas.

Technical data

Ambient temperature: -20 °C to +50 °C

non intrinsic safe interface:

USB 2.0

U_{nom} 5 V
 I_{nom} 100 mA
 U_m = 253 V

FISCO field device

Intrinsically safety ratings:

FISCO
or
Ex ia IIC, U_i = 30 V, Li negligible , Ci 5 nF

Bluetooth:

RF power 8 dbm / 7 mW

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The device complies with the requirements of IEC 60079-0, Ed. 7

The foil on the front is dissipative, thus the device may be used in subdivision IIC.