

Softing - Richard-Reitzner-Allee 6 - 85540 Haar – Germany

To whom it may concern

Softing Industrial Automation GmbH
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Germany

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<https://industrial.softing.com>

Your Reference / Message dated

Our Reference / Message dated

Date

18.06.2019

Dear Cosumters,

We are constantly working on improving our products for you and are constantly trying to expand the functionalities. In the course of this, we have been able to improve the properties for potentially explosive areas for mobiLink. By using new components, we now reach the gas group IIC (acetylenes and hydrogen). For newly purchased mobiLinks with hardware version 1.10, the new ATEX certificate now applies. For the hardware versions 1.00 and 1.01 the old certificate with the gas group IIB still applies.

Best Regards

Softing Industrial

Shkelqim Shala

Product Manager Process Automation

Attachment(s):
- ATEX Certification Hardware V1.00/V1.01 [IIB]
- ATEX Certification Hardware V1.10 [IIC]

[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**



[2] Equipment or protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU18ATEX1001** | Issue 0

[4] Product: **mobiLink**

[5] Manufacturer: Softing Industrial Automation GmbH

[6] Address: Richard-Reitzner-Allee 6
85540 Haar
GERMANY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-17-3-0132.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN 60079-0:2012+A11:2013 EN 60079-11:2012 except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

II 2G Ex ib [ia Ga] IIB T4 Gb
 II 2D Ex ib [ia Da] IIIC T100 °C Db
-20 °C ≤ Ta ≤ +50 °C

IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg, GERMANY

By order

(Dipl.-Ing. [FH] Henker)



(notified body number 0637)

Tel: + 49 (0) 37 31 / 38 05 0
Fax: + 49 (0) 37 31 / 38 05 10

Certificates without signature and seal are not valid. Certificates may only be duplicated completely and unchanged. In case of dispute, the German text shall prevail.

Freiberg, 2018-04-13

[13] **Schedule**

[14] **Certificate number IBExU18ATEX1001 | Issue 0**

[15] **Description of product**

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 make sure 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
Ex-area:	zones 1, 21
Gas-classification:	IIB
Dust-classification:	IIIC
FISCO field device	
Intrinsically safety ratings:	FISCO or Ex ia IIB, Ui = 30 V, Li negligible, Ci 5 nF

non intrinsic safe interface USB 2.0

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

Bluetooth:	
RF power:	8 dbm / 7 mW

[16] **Test report**

The test results are recorded in the confidential test report IB-17-3-0132 of 2018-04-13.

The test documents are part of the test report and they are listed there.

[17] **Specific conditions of use**

None

[18] **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report: None

[19] **Drawings and Documents**

The documents are listed in the test report.

IBExU Institut für Sicherheitstechnik GmbH
Fuchsmühlenweg 7
09599 Freiberg, GERMANY

By order



(Dipl.-Ing. [FH] Henker)

Freiberg, 2018-04-13



[1] **EU-TYPE EXAMINATION CERTIFICATE - Translation**

[2] Equipment or protective systems intended for use in potentially explosive atmospheres, Directive 2014/34/EU

[3] EU-type examination certificate number **IBExU18ATEX1001** | Issue 1

[4] Product: **mobilLink**

[5] Manufacturer: Softing Industrial Automation GmbH

[6] Address: Richard-Reitzner-Allee 6
85540 Haar
GERMANY

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] IBExU Institut für Sicherheitstechnik GmbH, notified body number 0637 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the essential health and safety requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential test report IB-19-3-0055.

[9] Compliance with the essential health and safety requirements has been assured by compliance with: EN IEC 60079-0:2018 and EN 60079-11:2012 except in respect of those requirements listed at item [18] of the schedule.

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the specific conditions of use specified in the schedule to this certificate.

[11] This EU-type examination certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

[12] The marking of the product shall include the following:

 **II 2G Ex ib [ia Ga] IIC T4 Gb**

 **II 2D Ex ib [ia Da] IIIC T100 °C Db**

-20 °C ≤ T_{amb} ≤ +50 °C

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- Seal -
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Tel: + 49 (0) 37 31 / 38 05 0
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Freiberg, 2019-05-09

[13] **Schedule**

[14] **Certificate number IBExU18ATEX1001 | Issue 1**

[15] **Description of product**

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, IEC 60079-11 annex G, it is a field device.

The user has to make sure 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
Ex-area:	zones 1, 21
Gas-classification:	IIC
Dust-classification:	IIIC
FISCO field device	
Intrinsically safety ratings:	FISCO or Ex ia IIC, Ui = 30 V, Li negligible, Ci 5 nF
non intrinsic safe interface	USB 2.0
U_{nom}	5 V
I_{nom}	100 mA
U_m	253 V
Bluetooth:	
RF power:	8 dbm / 7 mW

Variations compared to issue 0 of this certificate:

Variation 1

A dissipative foil is used thus the device may be used in gas group IIC and the marking has been changed.

Variation 2

The device fulfils the requirements of EN IEC 60079-0:2018.

[16] **Test report**

The test results are recorded in the confidential test report IB-19-3-0055 of 2019-05-08.

The test documents are part of the test report and they are listed there.

Summary of the test results

The device mentioned under [4] still complies with the requirements of explosion protection for Ex equipment of group II and category 2G or 2D in type of protection Intrinsic Safety "i".

[17] **Specific conditions of use**

None

[18] **Essential health and safety requirements**

In addition to the essential health and safety requirements (EHSRs) covered by the standards listed at item [9], the following are considered relevant to this product, and conformity is demonstrated in the test report:

None

[19] **Drawings and Documents**
The documents are listed in the test report.

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Freiberg, 2019-05-09