



EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU

(3) EU - Type Examination Certificate Number

EPS 25 ATEX 1 001 X

Revision 0

(4) Equipment: IS-IM1x.1 Interface Module

(5) Manufacturer: i.safe MOBILE GmbH

(6) Address: i_Park Tauberfranken 10
97922 Lauda-Koenigshofen
Germany

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 25TH0198_00.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:

EN IEC 60079-0:2018

**EN 60079-11:2012
IEC 60079-11:2023**

**EN 60079-7:2015
EN IEC 60079-7:2015/A1:2018**

**EN 60079-18:2015
EN IEC 60079-18:2015/A1:2017**

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions of use specified in the annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

(12) The marking of the equipment shall include the following:



II 2G Ex eb mb [ib Gb] IIC T4 Gb
II (2)D [Ex ib Db] IIIC
I (M1) [Ex ia Ma] I



Certification department of explosion protection

Tuerkheim, 2026-05-07

Ulrich Felke

Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

Annex

(14) **EU - Type Examination Certificate EPS 25 ATEX 1 001 X**

Revision 0

(15) Description of equipment:

The IS-IM1x.1 is an interface module for charging and data connecting tablets mounted in the IS-DS940.1 / IS-DS940.M1 docking station. It is designed for installation in Zone 1/21 hazardous areas. It acts as an interface between non-intrinsically safe and intrinsically safe circuits and enables the connection of the IS-DS940.1 docking station for use in Zone 1/21, or the IS-DS940.M1 docking station for operation in mines at risk of firedamp.

Variants of the IS-IM1x.1:

Name	Function	Interfaces
IS-IM1A.1	charging and data transfer	X1, X2, X3, X4, X5, X6
IS-IM1B.1	charging only	X1, X3

Electrical data:

The IS-IM1x.1 is equipped with following interfaces:

X1	Ex i	for connection to the IS-DS940.1 / IS-DS940.M1
X2	Ex i	Ex i USB 1.1 Interface
X3	Ex e	Supply: +24V DC $\pm 10\%$, max. 1.2A
X4	Ex e	Ex e Ethernet 100 Base-T
X5	Ex e	USB 2.0 Interface
X6	Ex e	expansion interface

The entity parameters of the IS-IM1x.1 are defined in document 1077AD05 and correspond to the entity parameters of the IS-DS940.1 and IS-DS940.M1 according to document 1065AD05.

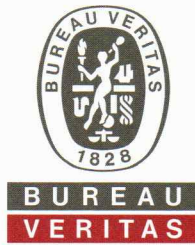
The intrinsic safety verification according to EN 60079-14 is fulfilled.

The cable HELUKAT® 600IND CAT.7e S/FTP PUR STATIC blue 4 x 2 x AWG 23 /1 with a length of up to 5m $\pm$ 10cm can be used for this purpose. Alternative cables must be below the following connection parameters:

L _c [mH]	0.030	0.020	0.010	0.005	0.002	0.001
C _c [µF]	2.20	2.90	4.40	5.90	5.90	5.90

The following accessories are permitted to connect to the intrinsically safe interfaces:

- IS-DS940.1 (Docking Station)
- IS-DS940.M1 (Docking Station)
- Approved, intrinsically safe accessories that comply with the connection parameters specified in document 1077AD05



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(16) Reference number: 25TH0198_00

(17) Special conditions of use:

The device must be installed in an enclosure with at least degree of protection IP54. The enclosure must meet the requirements of a recognized type of protection in accordance with EN IEC 60079-0.

The permissible ambient temperature range is -20 °C to +60 °C.

(18) Essential health and safety requirements:

Met by compliance with standards.



Certification department of explosion protection

Ulrich Feike

Tuerkheim, 2026-05-07