

(1) **Conformity Statement**

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – **Directive 2014/34/EU**

(3) Certificate Number:

EPS 15 ATEX 1 823 X

Revision 1

(4) Equipment: Tablet PC Agile X and HART Module Type B7-A2Z0-0033

(5) Manufacturer: BARTEC GmbH

(6) Address: Max-Eyth-Str. 16, 97980 Bad Mergentheim, Deutschland

(7) This equipment and any acceptable variation thereto are specified in the schedule to this conformity statement and the documents therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH certifies based on a voluntary assessment 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 2014/34/EU. The examination and test results are recorded in the confidential documentation under the reference number 14TH0399.

(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

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

(11) This Conformity Statement relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture and supply of this equipment. Those requirements are not covered by this certificate.

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

II 3G Ex ic IIA/IIC T5 Gc

(Agile X)



II 3D Ex ic IIIB T90 °C Dc IP54

II 3G Ex ic [ia Ga] IIC T4 Gc

(HART Module)

II 3D Ex ic [ia Da] IIIB T135°C Dc



Certification department of explosion protection

Nuremberg, 2016-04-28



D. Zitzmann

(13) **Annexe**

(14) **Conformity Statement EPS 15 ATEX 1 823 X**

Revision 1

(15) Description of equipment:

The tablet computers type Agile X (Bartec No. B7-A23*-) are for intended use in Zones 2 and 22. The devices can optionally be equipped with RF-modules (4G/LTE, RFID/HF) and a scanner.

The HART add on module type B7-A2Z0-0033 is an extension module for operation mounted on the intrinsic safe BARTEC tablet PC. The module can be connected as a secondary master to a HART-loop for digital HART communication. It allows operations like the configuration of HART devices and network sniffing. The HART loop is connected via two banana sockets.

The following accessories may also be used:

Bartec No.	Description
B7-A2Z0-0028	Battery 5 Ah
B7-A2Z0-0029	Battery 10 Ah
B7-A2Z0-0031	Display cover sheet
B7-A2Z0-0032	RFID UHF snap on module
03-9849-0130	Hand strap
03-9849-0131	Spare stylus

Electrical data:

Powered by lithium-polymer batteries. Rated electrical data:

7.4 Vdc / 5 Ah / 39 Wh or 7.4 Vdc / 10 Ah / 75 Wh

B7-A2Z0-0033: $U_i = 6,5 \text{ V}$ (power supply)

$U_i = 30 \text{ V}$, $U_m = 60 \text{ V}$, $U_o = 3 \text{ V}$, $I_o = 10 \text{ mA}$ (HART interface)

(16) Reference number: 14TH0399



(17) Special conditions for safe use:

Maximum ambient temperature range: -20°C to +50°C.

External connectors shall never be used in hazardous areas. The battery shall never be removed, changed or charged in hazardous areas. The RFID module shall never be mounted or removed in hazardous areas. The flash (LED) shall never be used as a permanent light in hazardous areas.

The apparatus shall be protected against mechanical impact, excessive UV-light and strong charge generating processes.

In combination with Bartec accessory 03-9849-0130 (hand strap) the device is only suited for gas group IIA.

It is allowed to connect the HART add on module to non certified HART circuits outside hazardous areas. $U_m = 60 \text{ V}$ shall never be exceeded. The user is responsible to meet this condition.

(18) Essential health and safety requirements:

Met by standards:



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Nuremberg, 2016-04-25