



**BUREAU
VERITAS**

(1) **EC-Certificate of Conformity**



(2) **Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 94/9/EC**

(3) EC-Certificate of Conformity Number:

EPS 11 ATEX 1 343

Revision: 3

(4) **Equipment:** TagTrans, Typ: TT-HF1-BT-F-Ex2, TT-LF1-BT-F-Ex2, TT-BC2-BT-F-Ex2, TT-LF1-BC2-BT-F-Ex2, TT-HF1-BC-BT-F-Ex2, TT-UHF2-BT-F-Ex2

(5) **Manufacturer:** DATATRONIC GmbH

(6) **Address:** Dreisteinstr. 47, AT-2342 Giesshuebl bei Wien

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

(8) Bureau Veritas Consumer Products Services Germany GmbH, Notified Body No. 2004 in accordance with Article 9 of the Council Directive 94/9/EC of March 23rd 1994, certifies, based on a voluntary testing, 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 report 11TH0056.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2009

EN 60079-11:2007

EN 60079-31:2010

(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 EC-Certificate of Conformity relates only to the design and the construction of the specified equipment in accordance with Directive 94/9/EC. Further requirements of this Directive apply to the manufacture and supply of this equipment.

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



II 3G Ex ic IIB T4 Gc
II 3D Ex ic IIIC T135°C Dc

Certification department of explosion protection

Türkheim, November 20, 2013

D. Zitzmann



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Annexe

(13)

(14) **EC-Certificate of Conformity EPS 11 ATEX 1 343**

(15) Description of equipment:

The TagTrans is an RFID Read/Write device for transponders in UHF, HF and LF technology. It serves as mobile data acquisition device to identify objects like cans, beer kegs, pressure cylinders and gas bottles.

The ambient temperature range is -20°C to + 40°C.

The device is powered by a battery pack. The battery pack contains two secondary Li-Ion cells. The battery pack is not intended to be changed or charged within hazardous areas. Charging is done without disassembling the battery-pack via a 4-pole connector located on the base unit.

Electrical data:

Supply: Battery pack, type 1S2P CGR-18650CF WC with two Li-Ion cells, type CGR-18650CF, 4500 mAh manufactured by company Panasonic, $U_o = 3,6 \text{ V d.c.}$ ($U_{o_max} = 4,2 \text{ V d.c.}$)

Interface: $U_m = 4,2 \text{ V d.c.}$, via charging plug for charging the battery pack; connection is only allowed via the dedicated charger of type C2 CFSW, manufactured by Egston, which is purpose-programmed for the TagTrans. Technical data of the charger output: 4,2 V d.c., 1400 mA, 12 W.

(16) Test report: 11TH0056

(17) Special conditions for safe use:

none

(18) Essential health and safety requirements:

Met by standards.

Certification department of explosion protection

Türkheim, November 20, 2013

D. Zitzmann