

# CERTIFICATE

## (1) EC-Type Examination

### (2) Equipment and protective systems intended for use in potentially explosive atmospheres - Directive 94/9/EC

(3) EC-Type Examination Certificate Number: **DEKRA 14ATEX0139 X** Issue Number: **1**

(4) Equipment: **Profibus PA / Foundation Fieldbus Transmitter, Types STT650-S2-0-A-CF0, STT650-S2-0-A-CP0, STT650-T2-0-A-CF0 and STT650-T2-0-A-CP0**

(5) Manufacturer: **Honeywell International Inc.**

(6) Address: **512 Virginia Drive, Fort Washington, PA 19034, USA**

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

(8) DEKRA Certification B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC of 23 March 1994, 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 to the directive.

The examination and test results are recorded in confidential test report number NL/DEK/ExTR14.0095/00.

(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 EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the Directive 94/9/EC. Further requirements of the directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

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



II 1 G	Ex ia IIC T6 ... T4 Ga or
II 1 D	Ex ia IIIC Da or
II 2(1) G	Ex ib [ia Ga] IIC T6 ... T4 Gb or
I M 1	Ex ia I Ma

This certificate is issued on 12 January 2015 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

DEKRA Certification B.V.

R. Schuller  
Certification Manager

Page 1/2



© Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate DEKRA 14ATEX0139 X**

Issue No. 1

(15) **Description**

Profibus PA / Foundation Fieldbus Transmitter Type STT650-S2-0-A-CF0, STT650-S2-0-A-CP0, STT650-T2-0-A-CF0, and STT650-T2-0-A-CP0, for rail mounting, with one or two independent channels, converts the measurement signals of temperature sensors, mV signals or mA signals into a Profibus PA fieldbus or to a Foundation Fieldbus.

**Electrical and thermal data**

Refer to Annex 1 to this certificate.

**Installation instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. NL/DEK/ExTR14.0095/00.

(17) **Special conditions for safe use**

For electrical and thermal data, refer to Annex 1 to this certificate.

The transmitter shall only be used in an area of not more than pollution degree 2, as defined in IEC 60664-1.

If the transmitter is installed in an explosive atmosphere requiring the use of equipment protection level Ga, Gb, Da, Db, Ma or Mb, and if the enclosure is made of aluminium, it must be installed such, that ignition sources due to impact and friction sparks are excluded.

Electrostatic charges on the transmitters enclosure shall be avoided.

(18) **Essential Health and Safety Requirements**

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. NL/DEK/ExTR14.0095/00.