

CERTIFICATE

(1) **Type Examination**

(2) **Product intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) Type Examination Certificate Number: **DEKRA 18ATEX0036 X** Issue Number: **0**

(4) Product: **Weight Transmitter, Model ACT350xx**

(5) Manufacturer: **Mettler-Toledo GmbH**

(6) Address: **Im Langacher 44, CH-8606 Greifensee, Switzerland**

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

(8) DEKRA Certification B.V., 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 Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.

The examination and test results are recorded in confidential test report no. NL/DEK/ExTR18.0063/00.

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

EN 60079-0 : 2012 + A11 : 2013
EN 60079-7 : 2015 + A1 : 2018

EN IEC 60079-0 : 2018
EN 60079-15 : 2010

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 Type Examination Certificate relates only to the design and construction of the specified product and not to the manufacturing process and its monitoring.

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



II 3 G **Ex ec IIC T4 Gc**
II 3 G **Ex nA IIC T4 Gc**

Date of certification: 6 June 2019

DEKRA Certification B.V.

R. Schuller
Certification Manager

(13) **SCHEDULE**

(14) **to Type Examination Certificate DEKRA 18ATEX0036 X**

Issue No. **0**

(15) **Description**

The ACT350xx weight transmitter consists of the ACT350xx Analog and ACT350xx POWERCELL versions providing Ex ec and Ex nA protection. The ACT350xx weight transmitter is designed to be connected to load cells certified for use in EPL Gc.

The ACT350xx Analog version supports one channel to accommodate either a 4-wire or 6-wire strain gage type load cell with excitation voltage of 5 V.

The ACT350xx POWERCELL version can be used to connect to Mettler-Toledo's POWERCELL serial digital load cells (e.g. POWERCELL PDX POWERCELL SLB615D, etc.) with a supply voltage of 12 Vdc to the load cell.

Each version has three different interfaces resulting in a total of six variations of the product.

For details on the nomenclature, thermal data and electrical data see Annex 1 to this certificate.

Installation instructions

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

(16) **Report Number**

No. NL/DEK/ExTR18.0063/00.

(17) **Specific conditions of use**

The equipment shall only be used in an area of at least pollution degree 2, as defined in EN 60664-1.

The equipment shall be installed in an enclosure that provides a minimum ingress protection of IP54 in accordance with EN 60079-0.

Provisions shall be made to prevent the rated voltage from being exceeded by transient disturbances of more than 119 V.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/DEK/ExTR18.0063/00.

(20) **Certificate history**

Issue 0 - 382064100 initial certificate