CERTIFICATE

(1) EU-Type Examination

(2) **Equipment or protective systems intended for use in potentially explosive atmospheres - Directive 2014/34/EU**

(3) EU-Type Examination Certificate Number: **KEMA 10ATEX0092 X** Issue Number: **3**

(4) Product: **Field Display Type RID14-BA, Type RID14-BD, Type RID14-BF, and Type RID16-BA.**

(5) Manufacturer: **Endress+Hauser Wetzer GmbH+Co. KG**

(6) Address: **Obere Wank 1, 87484 Nesselwang, Germany**

(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., Notified Body number 0344 in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, 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 the Directive.

The examination and test results are recorded in confidential test report number NL/KEM/ExTR10.0002/02.

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

EN IEC 60079-0 : 2018 **EN 60079-1 : 2014** **EN 60079-11 : 2012**
EN 60079-31 : 2014

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 EU-Type Examination Certificate relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

II 2 G	**Ex ia IIC T6 ... T4 Gb**	**(RID16-BA)**
II 1 G	**Ex ia IIC T6 ... T4 Ga**	**(RID14-BA)**
II 2 G	**Ex db IIC T6 ... T4 Gb**	**(RID14-BD)**
II 2 D	**Ex tb IIIC T110 °C Db**	**(RID14-BF)**

Date of certification: 17 November 2021

DEKRA Certification B.V.

R.Schuller
Certification Manager

PRODUCTS RvA C 001

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

DEKRA Certification B.V. Meander 1051, 6825 MJ Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 88 96 83000 F +31 88 96 83100 www.dekra-product-safety.com Registered Arnhem 09085396

(13) # SCHEDULE

(14) **to EU-Type Examination Certificate KEMA 10ATEX0092 X** Issue No. **3**

(15) **Description**

The digital Field Displays Type RID14 and Type RID16, connected to a fieldbus system (Profibus PA or Foundation Fieldbus), serve to display measured and calculated values and status information of devices connected to the fieldbus.

The equipment consists of an enclosure including the electronic circuits, a terminal board and a display. The enclosure material can be aluminium or stainless steel.

For more information see Annex 1 to NL/KEM/ExTR10.0002/02.

Installation instructions

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

(16) **Report Number**

No. NL/KEM/ExTR10.0002/02.

(17) **Specific conditions of use**

The flameproof joints are not intended to be repaired.

When the enclosure is provided with an non-conductive coating, electrostatic charges on the equipment enclosure shall be avoided. For more details see safety instructions.

When the enclosure of the Field Display Type RID14-*A is made of aluminium, if it is mounted in an area where the use of EPL Ga apparatus is required, it must be installed such, that, even in the event of rare incidents, ignition sources due to impact and friction sparks are excluded.

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

Covered by the standards listed at item (9).

(19) **Test documentation**

As listed in Report No. NL/KEM/ExTR10.0002/02.

(20) **Certificate history**

Issue 1	-	213150600	initial certificate
Issue 2	-	217995200	update to the latest standards, X-conditions added, for vertical installation, minor constructional changes
Issue 3	-	225648800	update to the latest standards, X-conditions changed, minor constructional changes