



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx PTB 09.0013

Issue No: 1

Certificate history:

Issue No. 1 (2017-09-11)

Issue No. 0 (2009-02-13)

Status: **Current**

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Date of Issue: **2017-09-11**

Applicant: **Endress + Hauser Wetzler GmbH + Co. KG**
Obere Wank 1
87484 Nesselwang
Germany

Equipment: **Display, type TID10-.. and OTID10-..**

Optional accessory:

Type of Protection: **Intrinsic Safety**

Marking:
Ex ia IIC T6...T4 Gb

*Approved for issue on behalf of the IECEx
Certification Body:*

Dr.-Ing. Frank Leinesch

Position:

Head of Department "Explosion Protection in Sensor Technology and
Instrumentation"

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Physikalisch-Technische Bundesanstalt (PTB)
Bundesallee 100
38116 Braunschweig
Germany





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Manufacturer: **Endress + Hauser Wetzler GmbH + Co. KG**
Obere Wank 1
87484 Nesselwang
Germany

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

STANDARDS:

The apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

IEC 60079-0 : 2011 Explosive atmospheres - Part 0: General requirements
Edition:6.0

IEC 60079-11 : 2011 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition:6.0

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in

Test Report:

[DE/PTB/ExTR09.0015/01](#)

Quality Assessment Report:

[DE/TUN/QAR06.0009/06](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The display, type TID10-.. and OTID10-.. is used for the configuration of the head-type temperature transmitters of types TMT8x, OTMT8x and TMT7x as well as for the display of transmitter settings. The equipment is installed inside the hazardous area.

For further information see Annex.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The changes concern the update of the applied standards, the electrical data and the internal construction.



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Additional information:

Annex:

[Attachment IECEX PTB 09.0013-01.pdf](#)



| | |
|----------------------------|---|
| Manufacturer's name | Endress+Hauser Wetzer GmbH+Co.KG |
| Address | Obere Wank 1, 87484 Nesselwang, Germany |
| Trademark | Endress+Hauser |
| Test item description..... | Display |
| Model/type reference | TID10-.. and OTID10-.. |

Description of Product

The display, type TID10-.. is used for the configuration of the head-type temperature transmitters of types TMT8x, OTMT8x and TMT7x as well as for the display of transmitter settings.

The equipment is installed inside the hazardous area.

For relationship between temperature class and permissible ranges of the ambient temperature, reference is made to the following table:

| | T _u permissible |
|----|----------------------------|
| T6 | -40 °C ... 55 °C |
| T5 | -40 °C ... 70 °C |
| T4 | -40 °C ... 85 °C |

Electrical data

Voltage supply..... type of protection Intrinsic Safety Ex ia IIC
only for connection to the LCD-connector of
certified head-type temperature transmitters
iTEMP type TMT8x, OTMT8x and TMT7x.