



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.:	<b>IECEX DEK 11.0096</b>	Page 1 of 5	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 4	Issue 3 (2021-04-20)
Date of Issue:	2022-10-17		Issue 2 (2018-11-01)
Applicant:	<b>Endress+Hauser Wetzler GmbH+Co. KG</b> Obere Wank 1 87484 Nesselwang Germany		Issue 1 (2018-01-26)
Equipment:	<b>Field Temperature Transmitter iTEMP, Types TMT71, TMT72, TMT82, TMT84, TMT85 and TMT86</b>		
Optional accessory:			
Type of Protection:	<b>Ex d, Ex t, Ex i</b>		
Marking:	Ex db IIC T6...T4 Gb Ex tb IIIC T85 °C...T110 °C Db Ex ia [ja Ga] IIC T6...T4 Gb		

Approved for issue on behalf of the IECEx  
Certification Body:

**R. Schuller**

Position:

**Certification Manager**

Signature:  
(for printed version)

Date:  
(for printed version)

2022-10-17

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 [www.iecex.com](http://www.iecex.com) or use of this QR Code.



Certificate issued by:

**DEKRA Certification B.V.**  
Meander 1051  
6825 MJ Arnhem  
Netherlands





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

Manufacturing locations: **Endress+Hauser Wetzer GmbH+Co. KG**  
Obere Wank 1  
87484 Nesselwang  
Germany

**Endress+Hauser Wetzer (India) Pvt. Ltd.**  
M-171/173, MIDC, Waluj, Aurangabad  
- 431 136  
India

**Endress+Hauser Wetzer USA INC.**  
2413 Endress Place, Greenwood, IN  
46143  
United States of America

## See following pages for more locations

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 equipment 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 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-1:2014-06](#) Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

[IEC 60079-31:2013](#) Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
Edition:2

This Certificate **does not** indicate compliance with 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:

[NL/DEK/ExTR11.0112/04](#)

Quality Assessment Report:

[DE/TUN/QAR06.0009/10](#)



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**EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

The Field Temperature Transmitter iTEMP, Types TMT71, TMT72, TMT82, TMT84, TMT85 and TMT86 consists of an enclosure made of aluminium or stainless steel, containing electronic circuits and optionally a display. The transmitters are used to convert the measurement signal of an externally connected temperature sensor into an output signal.

Depending on the version, the transmitter provides a 4-20 mA current output signal with HART communication or is connected to a fieldbus (Profibus PA or Foundation Fieldbus or PROFINET) or has a Bluetooth (App), DTM or DTM/Bluetooth (App) configuration.

For details see Annex 1.

**SPECIFIC CONDITIONS OF USE: NO**



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

- Introduction of the type TMT86



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Additional manufacturing locations:

**Endress+Hauser Sicestherm S.r.l.**  
Via Martin Luther King 7/9  
Pessano con Bornago (MI) I-20060  
**Italy**

**Endress+Hauser Wetzer (Suzhou) Co. Ltd.**  
Jiang-Tian-Li-lu No.31, 215021 Suzhou-SIP  
(P.R. China)  
**China**

**Annex:**

[226890900-Annex1 to ExTR11.0112.04\\_1.pdf](#)