



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

Certificate No.: **IECEx DEK 11.0096** Page 1 of 4 Certificate history:
Status: **Current** Issue No: 3 [Issue 2 \(2018-11-01\)](#)
Date of Issue: 2021-04-20 [Issue 1 \(2018-01-26\)](#)
[Issue 0 \(2012-01-04\)](#)
Applicant: **Endress+Hauser Wetzer GmbH+Co. KG**
Obere Wank 1
87484 Nesselwang
Germany
Equipment: **Field Temperature Transmitter iTEMP, Types TMT71, TMT72, TMT82, TMT84 and TMT85**
Optional accessory:
Type of Protection: **Ex d, Ex t, Ex i**
Marking: Ex db IIC T6...T4 Gb
Ex tb IIIC T85 °C...T110 °C Db
Ex ia [ia 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:

2021-04-20

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 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 Wetzler GmbH+Co. KG**
Obere Wank 1
87484 Nesselwang
Germany

Additional manufacturing locations:

Endress+Hauser Sicestherm S.r.l.
Via Martin Luther King 7, 20060 Pessano del
Bornago (MI)
Italy

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

Endress+Hauser Wetzler (Suzhou) Co. Ltd.
Su-Hong-Zhong-Lu No. 465, 215021 Suzhou-
SIP (P.R. China)
China

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

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/ExTR11.0112/03](#)

Quality Assessment Report:

[DE/TUN/QAR06.0009/09](#)



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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 and TMT85 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 has a Bluetooth (App), DTM or DTM/Bluetooth (App) configuration.

For details see Annex 1 to Report No. NL/DEK/ExTR11.0112/03.

SPECIFIC CONDITIONS OF USE: NO



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DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)

- Introduction of the type TMT82 assembled in a dual compartment field enclosure
- Adjusting the lower ambient temperature
- Assessed per IEC 60079-0 : 2017 (Ed. 7)

Annex:

[510038400-Annex 1_1.pdf](#)