



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.: issue No.:

Status:

Date of Issue: **2010-05-20** Page 1 of 3

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

Electrical Apparatus: **Energy manager, type RMC621, application manager, type RMM621 and density computer, type FML621**
Optional accessory:

Type of Protection: **Intrinsic Safety "i"**

Marking: **[Ex ia] IIC**

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

Dr.-Ing. U. Johannsmeyer

Position:

Department Head "Intrinsic Safety and Safety of Systems"

*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





IECEX Certificate of Conformity

Certificate No.: IECEx PTB 10.0030

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

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

IEC 60079-0 : 2004 Electrical apparatus for explosive gas atmospheres - Part 0: General requirements
Edition: 4.0

IEC 60079-11 : 2006 Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
Edition: 5

*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/ExTR10.0028/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0009/01](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The Energy Manager, type RMC621 is a flow and energy manager is an associated apparatus with I.S. outputs for measurement in hazardous locations. The measuring signals of 4-20mA, PFM, pulse and temperature in a 3 or 4-wire system are galvanically isolated.

The Application Manager, type RMM621 and Density Module, type FML621 is an associated apparatus with I.S. outputs for measurement in hazardous locations. They are multi-functional computers used in measurement and calculation of volumetric flow, mass flow and energy (heat) flow using input signals from flow, pressure, temperature, and density transmitters.

CONDITIONS OF CERTIFICATION: NO