



# EU Declaration of conformity

## Déclaration UE de conformité

### EU-Konformitätserklärung

<b>Device Type</b>	<b>HMC5**01**** *****</b>	*=alphanumeric, n= numeric characters with no impact on the declaration of conformity
<b>Type d'appareil</b>	<b>HMR5**0n**** *****</b>	*=caractères alphanumériques, n=numériques sans incidence sur la déclaration de conformité
<b>Gerätetyp</b>	<b>HMR5**1n**** *****</b> <b>n=1,5,C,D</b>	*=alphanumerische, n=numerische Zeichen ohne Einfluss auf die Konformitätserklärung

We **QUNDIS GmbH** declare under our sole responsibility that this product(s) from the product line  
 Nous **Sonnentor 2** déclarons sous notre seule responsabilité que le/les produit(s) de la ligne de produits  
 Wir **DE-99098 Erfurt** erklären in alleiniger Verantwortung, dass das/die Produkt(e) der Produktlinie

**Heat meter**  
**Q heat 5.5** Compteur de calories  
**Q heat 5.5 AMS** Wärmehähler

to which this declaration relates is/are in conformity with the requirements of the following directive(s)  
 au(x)quel(s) se réfèrent cette déclaration, est/sont conforme(s) aux prescriptions de la/des directive(s)  
 auf das/die sich diese Erklärung bezieht, konform ist/sind mit den Anforderungen der Richtlinie(n)

2014/30/EU Electromagnetic Compatibility (EMC) OJ L96/79, 29.03.2014  
 2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014  
 2011/65/EU Restriction of the use of certain hazardous substances (RoHS) OJ L174/88, 01.07.2011

The conformity was checked in accordance with the following harmonised EN standard(s)

La conformité fut contrôlé selon la/les norme(s) EN-harmonisées  
 Die Konformität wurde überprüft anhand der harmonisierten EN-Norm(en)

**EMC** **EN 61000-6-2:2005+ AC:2005** Electromagnetic compatibility (EMC), Immunity for industrial environments  
**EMC** **EN 61000-6-3:2007+ A1:2011+ AC:2012** Electromagnetic compatibility (EMC); Emission standard for residential, commercial and light-industrial environments  
**RoHS** **EN IEC 63000:2018** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**The notified body** **Physikalisch-technische Bundesanstalt,** Body No.  
 L'organisme notifié **Braunschweig und Berlin** Numéro **0102**  
 Die benannte Stelle  
**issued the certificate**  
 a établi l'attestation  
 hat folgende Bescheinigung  
 ausgestellt  
**MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5)  
**MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS)  
**MID MODUL D: DE-M-AQ-PTB008**

Further applied standards/specifications  
 Autres normes/specifications appliquées  
 Weitere angewandte Normen/Spezifikationen

**OIML R75:2002/2006** Heat meters  
**EN 1434-4:2007** Heat meters  
**EN 1434:2015** Heat meters  
**prEN 1434-4:2020** Thermal energy meters, Part 4: Pattern approval tests, 7.22 Flow disturbances  
**EN 60950-1: 2006+ AC:2011+ A11:2009+ A12:2011+ A1:2010+ A2:2013**  
 Information technology equipment - Safety - Part 1: General requirements

Unterzeichnet für und im Namen der QUNDIS GmbH

**Volker Eck**  
 Managing Director

Digitally signed by: Helf, Tobias  
 DN: CN = Helf, Tobias email = Tobias.Helf@qundis.com OU = Qundis, Q\_Benutzer, Q\_Erfurt, Q\_EF\_Prodktmanagement  
 Date: 2023.03.22 10:53:16 +01'00'

**Tobias Helf**  
 Product Manager



# EU Declaration of conformity

## Deklaracja zgodności UE

### Izjava EU o skladnosti

Device Type	HMC5**01**** *****	*=alphanumeric characters with no impact on the declaration of conformity
Typ urządzenia	HMR5**0n**** ***** HMR5**1n**** *****	*=znaki alfanumeryczne bez wpływu na deklarację zgodności
Tip naprave	n=1,5,C,D	*=Z izključno odgovornostjo izjavljamo, da izdelek(i) linije izdelkov

We **QUNDIS GmbH** declare under our sole responsibility that this product(s) from the product line  
my **Sonnentor 2** Deklarujemy z pełną odpowiedzialnością, że produkt/linia produktów  
sno **DE-99098 Erfurt** Z izključno odgovornostjo izjavljamo, da izdelek(i) linije izdelkov

**Heat meter**  
licznik ciepła  
**Q heat 5.5**  
**Q heat 5.5 AMS** merilnik toplotne energije

to which this declaration relates is/are in conformity with the requirements of the following directive(s)  
którego/której dotyczy niniejsza deklaracja, jest zgodny/-a z wymogami dyrektyw)  
za katerega(e) velja ta izjava, ustreza(jo) zahtevam Direktiv(e)

2014/30/EU	Electromagnetic Compatibility (EMC)	OJ L96/79, 29.03.2014
2014/32/EU	Measuring Instrument Directive (MID)	OJ L96/149, 29.03.2014
2011/65/EU	Restriction of the use of certain hazardous substances (RoHS)	OJ L174/88, 01.07.2011

The conformity was checked in accordance with the following harmonised EN standard(s)

Zgodność została sprawdzona na podstawie zharmonizowanych norm EN  
Skladnost je bila preverjena v skladu z usklajenim(i) standardom(i) EN

EMC	EN 61000-6-2:2005+ AC:2005	Electromagnetic compatibility (EMC), Immunity for industrial environments
EMC	EN 61000-6-3:2007+ A1:2011+ AC:2012	Electromagnetic compatibility (EMC); Emission standard for residential, commercial and light-industrial environments
RoHS	EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

<b>The notified body</b> organ zawiadomiony priglašeni organ	<b>Physikalisch-technische Bundesanstalt, Braunschweig und Berlin</b>	<b>Body No.</b> Organ nu. organ ne. <b>0102</b>
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<b>issued the certificate</b> wydany certyfikat izdal potrdilo	<b>MID MODUL B: DE-18-MI004-PTB035</b> (for Q heat 5.5) <b>MID MODUL B: DE-17-MI004-PTB008</b> (for Q heat 5.5 AMS) <b>MID MODUL D: DE-M-AQ-PTB008</b>
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#### Further applied standards/specifications

Inne odpowiednie normy/specyfikacje  
Drugi uporabljeni standardi/specifikacije

OIML R75:2002/2006	Heat meters
EN 1434-4:2007	Heat meters
EN 1434:2015	Heat meters
prEN 1434-4:2020	Thermal energy meters, Part 4: Pattern approval tests, 7.22 Flow disturbances
EN 60950-1: 2006+ AC:2011+ A11:2009+ A12:2011+ A1:2010+ A2:2013	Information technology equipment - Safety - Part 1: General requirements

Signed for and in the name of QUNDIS GmbH

**Volker Eck**  
Managing Director

Digitally signed by: Helf, Tobias  
DN: CN = Helf, Tobias email =  
Tobias.Helf@qundis.com OU =  
Qundis, Q\_Benutzer, Q\_Erfurt,  
Q\_EF\_Prodktmanagement  
Date: 2023.03.22 10:55:24 +  
01'00'

**Tobias Helf**  
Product Manager



# EU Declaration of conformity

## Dichiarazione di conformità CE

### Declaración de conformidad UE

<b>Device Type</b>	<b>HMC5**01**** *****</b>	*=alphanumeric characters with no impact on the declaration of conformity
<b>Tipo di apparecchio</b>	<b>HMR5**0n**** *****</b>	*=carterteri alfanumerici senza conseguenze sulla Dichiarazione di conformità
<b>Tipo de aparato</b>	<b>HMR5**1n**** *****</b> <b>n=1,5,C,D</b>	*= Símbolo alfanumérico sin influencia sobre la declaración de conformidad

We **QUNDIS GmbH** declare under our sole responsibility that this product(s) from the product line  
 Noi **Sonnentor 2** Dichiariamo sotto la nostra esclusiva responsabilità, che il/i prodotto(i) della linea  
 Nosotros **DE-99098 Erfurt** Declaramos bajo propia responsabilidad, que el/los producto(s) de la línea de productos

#### Heat meter

**Q heat 5.5** Contatore termico  
**Q heat 5.5 AMS** Contador de calor

to which this declaration relates is/are in conformity with the requirements of the following directive(s)  
 alla quale si riferisce la presente Dichiarazione, è/sono conforme(i) con i requisiti della/delle normativa(e)  
 a la/las que se refiere esta declaración, está/están conforme(s) con los requisitos de la(s) directiva(s)

2014/30/EU Electromagnetic Compatibility (EMC) OJ L96/79, 29.03.2014  
 2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014  
 2011/65/EU Restriction of the use of certain hazardous substances (RoHS) OJ L174/88, 01.07.2011

#### The conformity was checked in accordance with the following harmonised EN standard(s)

La conformità è stata verificata in base alla/alte norma(e) EN armonizzata(e)  
 La conformidad ha sido verificada en función de la(s) norma(s) armonizada(s) EN

**EMC** **EN 61000-6-2:2005+ AC:2005** Electromagnetic compatibility (EMC), Immunity for industrial environments  
**EMC** **EN 61000-6-3:2007+ A1:2011+ AC:2012** Electromagnetic compatibility (EMC); Emission standard for residential, commercial and light-industrial environments  
**RoHS** **EN IEC 63000:2018** Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**The notified body** **Physikalisch-technische Bundesanstalt,** Body No. **0102**  
 l'autorità menzionata **Braunschweig und Berlin**

*la autoridad designada*  
**issued the certificate**  
 ha presentato il seguente  
 certificato  
*ha emitido el siguiente*  
 certificado

**MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5)  
**MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS)  
**MID MODUL D: DE-M-AQ-PTB008**

Further applied standards/specifications  
 Altre norme/specifiche applicate  
 Otras normas/especificaciones aplicadas

**OIML R75:2002/2006** Heat meters  
**EN 1434-4:2007** Heat meters  
**EN 1434:2015** Heat meters  
**prEN 1434-4:2020** Thermal energy meters, Part 4: Pattern approval tests, 7.22 Flow disturbances  
**EN 60950-1: 2006+ AC:2011+ A11:2009+ A12:2011+ A1:2010+ A2:2013**  
 Information technology equipment - Safety - Part 1: General requirements

Signed for and in the name of **QUNDIS GmbH**

**Volker Eck**  
 Managing Director

Digitally signed by: Helf, Tobias  
 DN: CN = Helf, Tobias email = Tobias.Helf@qundis.com OU = Qundis, Q\_Benutzer, Q\_Erfurt, Q\_EF\_Prodktmanagement  
 Date: 2023.03.22 10:56:25 +01'00'

**Tobias Helf**  
 Product Manager



# EU Declaration of conformity

## Prohlášení o shodě EU

### ES atitikties deklaracija

<b>Device Type</b>	<b>HMC5**01**** *****</b>	*=alphanumeric characters with no impact on the declaration of conformity
<b>Typ přístroje</b>	<b>HMR5**0n**** *****</b> <b>HMR5**1n**** *****</b>	*= alfanumerické znaky bez vlivu na prohlášení o shodě
<b>Prietaiso tipas</b>	<b>n=1,5,C,D</b>	*= raidiniai-skaitmeniniai simboliai, neturintys įtakos atitikties deklaracijai

We **QUNDIS GmbH** declare under our sole responsibility that this product(s) from the product line  
my **Sonnentor 2** Ve výhradní zodpovědnosti prohlašujeme, že výrobek(y) produktové řady  
**DE-99098 Erfurt** Savo atsakomybe pareiškiame, kad gaminys (-iai) iš produktų linijos

**Heat meter**  
**Q heat 5.5** Počítadlo tepla  
**Q heat 5.5 AMS** Šilumos skaitiklis

to which this declaration relates is/are in conformity with the requirements of the following directive(s)  
kterého/kterých se toto prohlášení týká, splňuje(jí) požadavky směrnic(e)  
kuriai skirta ši deklaracija, atitinka direktyvos (-ų) reikalavimus

<b>2014/30/EU</b>	<b>Electromagnetic Compatibility (EMC)</b>	<b>OJ L96/79, 29.03.2014</b>
<b>2014/32/EU</b>	<b>Measuring Instrument Directive (MID)</b>	<b>OJ L96/149, 29.03.2014</b>
<b>2011/65/EU</b>	<b>Restriction of the use of certain hazardous substances (RoHS)</b>	<b>OJ L174/88, 01.07.2011</b>

The conformity was checked in accordance with the following harmonised EN standard(s)

Shoda byla prověřena na základě harmonizované(ných) normy/norem EU  
Atitiktis buvo patikrinta remiantis darniaisiais (-iuoju) EN standartais (-u)

<b>EMC</b>	<b>EN 61000-6-2:2005+ AC:2005</b> Electromagnetic compatibility (EMC), Immunity for industrial environments
<b>EMC</b>	<b>EN 61000-6-3:2007+ A1:2011+ AC:2012</b> Electromagnetic compatibility (EMC); Emission standard for residential, commercial and light-industrial environments
<b>RoHS</b>	<b>EN IEC 63000:2018</b> Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

The notified body  
obeznámený orgán  
Notifikuotoji įstaiga  
issued the certificate  
vydalė následující certifikát  
išdavė toliau nurodytą  
pažymėjimą

**Physikalisch-technische Bundesanstalt,  
Braunschweig und Berlin**

Body No.  
Číslo **0102**  
Numeris

**MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5)  
**MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS)  
**MID MODUL D: DE-M-AQ-PTB008**

Further applied standards/specifications

Další použité normy/specifikace

Kiti susiję normatyvai / specifikacijos

<b>OIML R75:2002/2006</b>	Heat meters
<b>EN 1434-4:2007</b>	Heat meters
<b>EN 1434:2015</b>	Heat meters
<b>prEN 1434-4:2020</b>	Thermal energy meters, Part 4: Pattern approval tests, 7.22 Flow disturbances
<b>EN 60950-1: 2006+ AC:2011+ A11:2009+ A12:2011+ A1:2010+ A2:2013</b>	Information technology equipment - Safety - Part 1: General requirements

Signed for and in the name of **QUNDIS GmbH**

**Volker Eck**  
Managing Director

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Q\_EF\_Produktmanagement  
Date: 2023.03.22 10:57:36 +  
01'00'

**Tobias Helf**  
Product Manager



# EU Declaration of conformity

## ЕС Сертификат соответствия

### EÚ vyhlásenie o zhode

Device Type	HMC5**01**** *****	*=alphanumeric characters with no impact on the declaration of conformity
Тип устройства	HMR5**0n**** ***** HMR5**1n**** *****	*=буквенно-цифровые знаки, не относящиеся к сертификату соответствия
Typ zariadenia	n=1,5,C,D	*=alfanumerické znaky bez vplyvu na vyhlásenie o zhode

We **QUNDIS GmbH** **declare under our sole responsibility that this product(s) from the product line**  
**Sonnentor 2** Мы со всей ответственность заявляем, что продукт(-ы) данной линейки  
**DE-99098 Erfurt** *Vo vlastnej zodpovednosti vyhlasujeme, že výrobok/výrobky skupiny výrobkov*

**Heat meter**  
**Q heat 5.5** Теплосчётчик  
**Q heat 5.5 AMS** *Počítadlo tepla*

**to which this declaration relates is/are in conformity with the requirements of the following directive(s)**  
на который(-ые) распространяется настоящий сертификат, соответствует(-ют) требованиям директив(-ы)  
*na ktoré sa vzťahuje toto vyhlásenie, sa zhodujú s požiadavkami smernice/smerníc*

2014/30/EU	Electromagnetic Compatibility (EMC)	OJ L96/79, 29.03.2014
2014/32/EU	Measuring Instrument Directive (MID)	OJ L96/149, 29.03.2014
2011/65/EU	Restriction of the use of certain hazardous substances (RoHS)	OJ L174/88, 01.07.2011

**The conformity was checked in accordance with the following harmonised EN standard(s)**  
Соответствие проверено на основании гармонизированных стандартов Европейского союза  
*Zhoda sa prekontrolovala na základe harmonizovanej normy/noríem EN*

EMC	EN 61000-6-2:2005+ AC:2005	Electromagnetic compatibility (EMC), Immunity for industrial environments
EMC	EN 61000-6-3:2007+ A1:2011+ AC:2012	Electromagnetic compatibility (EMC); Emission standard for residential, commercial and light-industrial environments
RoHS	EN IEC 63000:2018	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

**The notified body**  
Уполномоченный орган  
*oboznámený orgán*  
**issued the certificate**  
выдан следующий  
сертификат  
*vydal nasledujúci certifikát*

**Physikalisch-technische Bundesanstalt,  
Braunschweig und Berlin**

Body No.  
Номер  
Číslo **0102**

**MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5)  
**MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS)  
**MID MODUL D: DE-M-AQ-PTB008**

Further applied standards/specifications  
Дополнительные прикладные стандарты/спецификации  
*Dalšie aplikované normy/špecifikácie*

OIML R75:2002/2006	Heat meters
EN 1434-4:2007	Heat meters
EN 1434:2015	Heat meters
prEN 1434-4:2020	Thermal energy meters, Part 4: Pattern approval tests, 7.22 Flow disturbances
EN 60950-1: 2006+ AC:2011+ A11:2009+ A12:2011+ A1:2010+ A2:2013	Information technology equipment - Safety - Part 1: General requirements

**Signed for and in the name of QUNDIS GmbH**

**Volker Eck**  
Managing Director

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Tobias.Helf@qundis.com OU =  
Qundis, Q\_Benutzer, Q\_Erfurt,  
Q\_EF\_Prodktmanagement  
Date: 2023.03.22 10:59:05 +  
01'00'

**Tobias Helf**  
Product Manager