



EU Declaration of conformity

Déclaration UE de conformité

EU-Konformitätserklärung

Device Type	HMR5**An**** ***** HMR5**Bn**** *****	* alphanumeric characters with no impact on the declaration of conformity
Type d'appareil	HBR5**An**** ***** HBR5**Bn**** *****	* caractères alphanumériques sans incidence sur la déclaration de conformité
Gerätetyp	n= E,G,I	* alphanumerische Zeichen ohne Einfluss auf die Konformitätserklärung

We **QUNDIS GmbH** declare under our sole responsibility that the product (s) of 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

Q heat 5.5 US R Heat meter, ultrasonic, radio
 Compteur de calories, ultrason, radio
 Wärmehähler, Ultraschall, Funk

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)

2014/32/EU **Measuring Instrument Directive (MID)** OJ L96/149, 29.03.2014
 2014/53/EU **Radio Equipment Directive (RED)** OJ L153/62, 22.05.2014
 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)

RED (EMC) EN 301 489-1 V1.9.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 1: Common technical requirements
RED EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) EN 62368-1:2014 + AC:2015 Audio/video, information and communication technology equipment; Part 1: Safety requirements
RED (LVD) EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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 **Nr. der Stelle**

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
 a établi l'attestation **MID MODUL D: DE-M-AQ-PTB008**
 hat folgende Bescheinigung ausgestellt

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

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies
 between 9 kHz and 246 GHz

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: 2023.09.29 10:43:04 +
 01'00'

Tobias Helf
 Product Manager



EU Declaration of conformity

Deklaracja zgodności UE

Izjava EU o skladnosti

Device Type	HMR5**An**** ***** HMR5**Bn**** *****	* alphanumeric characters with no impact on the declaration of conformity
Typ urządzenia	HBR5**An**** ***** HBR5**Bn**** *****	* znaki alfanumeryczne bez wpływu na deklarację zgodności
Tip naprave	n= E,G,I	* alfanumerični znaki brez vpliva na izjavo o skladnosti

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

Q heat 5.5 US R Heat meter, ultrasonic, radio
ciepłomierz, ultradźwiękowy, radiowa
Merilnik toplote, ultrazvočni, radio

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)

2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014
2014/53/EU Radio Equipment Directive (RED) OJ L153/62, 22.05.2014
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

RED (EMC) EN 301 489-1 V1.9.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
RED EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) EN 62368-1:2014 + AC:2015 Audio/video, information and communication technology equipment
Part 1: Safety requirements
RED (LVD) EN 62479:2010 Assessment of the compliance of low power electronic and electrical
equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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**
jednostka notyfikowana **Braunschweig und Berlin** Organ nu. **0102**
priglaseni organ Organ ne.

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
wydała następujący certyfikat **MID MODUL D: DE-M-AQ-PTB008**
je izdal naslednji certifikat

Further applied standards/specifications, Inne odpowiednie normy/specyfikacje,
Drugi uporabljeni standardi/specifikacije

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 3: Specific conditions for Short-Range Devices (SRD)
operating on frequencies between 9 kHz and 246 GHz

Signed for and in the name of QUNDIS GmbH

Volker Eck
Managing Director

Digitally signed by:
Helf, Tobias
DN: CN = Helf,
Tobias O =
NetPhone-Benutzer
Date: 2023.12.13
08:53:10 +01'00'

Tobias Helf
Product Manager



EU Declaration of conformity

Dichiarazione di conformità CE

Declaración de conformidad UE

Device Type	HMR5**An**** *****	* alphanumeric characters with no impact on the declaration of conformity
Tipo di apparecchio	HMR5**Bn**** ***** HBR5**An**** *****	* caratteri alfanumerici senza conseguenze sulla Dichiarazione di conformità
Tipo de aparato	HBR5**Bn**** ***** n= E,G,I	* Símbolo alfanumérico sin influencia sobre la declaración de conformidad

We **QUNDIS GmbH** declare under our sole responsibility that the product (s) of 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

Q heat 5.5 US R

Heat meter, ultrasonic, radio
 Contatore termico, Ultrasonico, radio
 Contador de calor, Ultrasónico, radio

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)

2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014
2014/53/EU Radio Equipment Directive (RED) OJ L153/62, 22.05.2014
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/alle norma(e) EN armonizzata(e)
 La conformidad ha sido verificada en función de la(s) norma(s) armonizada(s) EN

RED (EMC) EN 301 489-1 V1.9.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 1: Common technical requirements
RED EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) EN 62368-1:2014 + AC:2015 Audio/video, information and communication technology equipment
 Part 1: Safety requirements
RED (LVD) EN 62479:2010 Assessment of the compliance of low power electronic and electrical
 equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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'autorità menzionata **Braunschweig und Berlin** **Numéro 0102**
 la autoridad designada **Número**

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
 ha presentato il seguente certificato **MID MODUL D: DE-M-AQ-PTB008**
 ha emitido el siguiente certificado

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

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
 Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies
 between 9 kHz and 246 GHz

Signed for and in the name of QUNDIS GmbH

Volker Eck
 Managing Director

Digitally signed by: Helf, Tobias
 DN: CN = Helf, Tobias
 O = NetPhone-Benutzer
 Date: 2023.12.11 13:36:29 +01'00'

Tobias Helf
 Product Manager



EU Declaration of conformity

Prohlášení o shodě EU

ES atitikties deklaracija

Device Type	HMR5**An**** ***** HMR5**Bn**** *****	* alphanumeric characters with no impact on the declaration of conformity
Typ přístroje	HBR5**An**** ***** HBR5**Bn**** *****	* alfanumerické znaky bez vlivu na prohlášení o shodě
Prietaiso tipas	n= E,G,I	* raidiniai-skaitmeniniai simboliai, neturintys įtakos atitikties deklaracijai

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

Q heat 5.5 US R **Heat meter, ultrasonic, radio**
Počítadlo tepla, Ultrazvukový, rádiová
Šilumos skaitiklis, Ultrazvukový, radijo

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 směrnice(e)
kuriai skirta ši deklaracija, atitinka direktyvos (-ų) reikalavimus

2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014
2014/53/EU Radio Equipment Directive (RED) OJ L153/62, 22.05.2014
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)
Shoda byla prověřena na základě harmonizované(ných) normy/norem EU
Atitiktis buvo patikrinta remiantis darniaisiais (-iuoju) EN standartais (-u)

RED (EMC) EN 301 489-1 V1.9.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
RED EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) EN 62368-1:2014 + AC:2015 Audio/video, information and communication technology equipment; Part 1: Safety requirements
RED (LVD) EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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**
obeznámený orgán **Braunschweig und Berlin** Číslo **0102**
Notifikuotoji įstaiga Numeris

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
vydal následující certifikát **MID MODUL D: DE-M-AQ-PTB008**
išdavė toliau nurodytą pažymėjimą

Further applied standards/specifications, Další použité normy/specifikace
Kiti susiję normatyvai / specifikacijos

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies
between 9 kHz and 246 GHz

Signed for and in the name of QUNDIS GmbH

Volker Eck
Managing Director

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Q_Erfurt,
Q_EF_Produktmanagement
Date: 2024.09.02 17:25:09 +
01'00'

Tobias Helf
Product Manager



EU Declaration of conformity

AB uygunluk beyanı

EU-Konformitätserklärung

Device Type	HMR5**An**** ***** HMR5**Bn**** *****	* alphanumeric characters with no impact on the declaration of conformity
Cihaz tipi	HBR5**An**** ***** HBR5**Bn**** *****	* Uygunluk beyanına etkisi olmayan alfanümerik karakterler
Gerätetyp	n= E,G,I	* alphanumerische Zeichen ohne Einfluss auf die Konformitätserklärung

We **QUNDIS GmbH** declare under our sole responsibility that the product (s) of the product line
biz **Sonnentor 2** Tek sorumluluk sahibi sıfatıyla ürün serisinin ürününün (ürünlerinin)
Wir **DE-99098 Erfurt** erklären in alleiniger Verantwortung, dass das/die Produkt(e) der Produktlinie

Q heat 5.5 US R Heat meter, ultrasonic, radio
Isı sayacı, Ultrasonik, Radyo
Wärmezähler, Ultraschall, Funk

to which this declaration relates is/are in conformity with the requirements of the following directive(s)
bu beyanla ilgili olarak aşağıdaki direktiflerle uyumlu olduğunu beyan ederiz
auf das/die sich diese Erklärung bezieht, konform ist/sind mit den Anforderungen der Richtlinie(n)

2014/32/EU Measuring Instrument Directive (MID) OJ L96/149, 29.03.2014
2014/53/EU Radio Equipment Directive (RED) OJ L153/62, 22.05.2014
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)

Uygunluk, uyumlaştırılmış EN normları doğrultusunda kontrol edilmiştir
Die Konformität wurde überprüft anhand der harmonisierten EN-Norm(en)

RED (EMC) EN 301 489-1 V1.9.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
RED EN 300 220-2 V3.1.1 Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) EN 62368-1:2014 + AC:2015 Audio/video, information and communication technology equipment; Part 1: Safety requirements
RED (LVD) EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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.
Onaylanmış kuruluş **Braunschweig und Berlin** sayı **0102**
Die benannte Stelle **Nr. der Stelle**

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
aşağıdaki sertifikayı düzenlemiştir **MID MODUL D: DE-M-AQ-PTB008**
hat folgende Bescheinigung ausgestellt

Further applied standards/specifications, Uygulanan diğer normlar/şartnameler,
Weitere angewandte Normen/Spezifikationen

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies
between 9 kHz and 246 GHz

Signed for and in the name of QUNDIS GmbH

Volker Eck
Managing Director

DoC No: CE.H014D3_SG5_entrde

Digitally signed by: Helf,
Tobias
DN: CN = Helf, Tobias email
= Tobias.Helf@qundis.com
OU = Qundis, Q_Benutzer,
Q_Erfurt,
Q_EF_Prodktmanagement
Date: 2024.09.02 16:23:19
+01'00'

Tobias Helf
Product Manager

DoC date: 28.09.2023



EU Declaration of conformity

EU-megfelelőségi nyilatkozat

EU deklamacija o usaglašenosti

Device Type	HMR5**An**** ***** HMR5**Bn**** *****	* alphanumeric characters with no impact on the declaration of conformity
Eszköz típusa	HBR5**An**** ***** HBR5**Bn**** *****	* alfanumerikus karakterek, amelyek nem befolyásolják a megfelelőségi nyilatkozatot
Tip uređaja	n= E,G,I	* Alfaniumerički znakovi nemaju uticaja na deklaraciju o usaglašenosti

We **QUNDIS GmbH** declare under our sole responsibility that the product (s) of the product line
Mi **Sonnentor 2** kizárólagos felelősségünkre kijelentjük, hogy a termékcsaládba tartozó termék(ek)et
Mi **DE-99098 Erfurt** *izjavljuje pod isključivom odgovornošću da proizvod(i) iz linije proizvoda*

Q heat 5.5 US R Heat meter, ultrasonic, radio
Hőmérő, ultrahang, rádió
Merač toplote, ultrazvuk, radio

to which this declaration relates is/are in conformity with the requirements of the following directive(s)
amelyre ez a nyilatkozat vonatkozik, megfelel(nek) az irányelv(ek)ben foglalt követelményeknek
na koje se ova izjava odnosi je/su u skladu sa zahtevima direktive(a)

2014/32/EU **Measuring Instrument Directive (MID)** OJ L96/149, 29.03.2014
2014/53/EU **Radio Equipment Directive (RED)** OJ L153/62, 22.05.2014
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)
A megfelelőséget a harmonizált EN-szabvány(ok) alapján ellenőrizték
Usklađenost je verifikovana korišćenjem harmonizovanih EN standarda

RED (EMC) **EN 301 489-1 V1.9.2** ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
RED **EN 300 220-2 V3.1.1** Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz
RED (LVD) **EN 62368-1:2014 + AC:2015** Audio/video, information and communication technology equipment; Part 1: Safety requirements
RED (LVD) **EN 62479:2010** Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
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.**
A bejelentett szervezet **Braunschweig und Berlin** Szám **0102**
Određeno telo *Broj*

issued the certificate **MID MODUL B: DE-21-MI004-PTB014**
a következő bizonyítványt állította ki **MID MODUL D: DE-M-AQ-PTB008**
je izdao sledeći sertifikat

Further applied standards/specifications, Egyéb alkalmazott szabványok/specifikációk,
Drugi primenjeni standardi/specifikacije

OIML R75:2002/2006 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-1 V2.2.3 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 1: Common technical requirements
EN 301 489-3 V2.3.2 ElectroMagnetic Compatibility (EMC) standard for radio equipment and services;
Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies
between 9 kHz and 246 GHz

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: 2024.08.29 15:02:15 +
01'00'

Tobias Helf
Product Manager