



EU Declaration of conformity

Déclaration UE de conformité

EU-Konformitätserklärung

Device Type	HMR5**0n**** ***** n= E,G,I	* alphanumeric characters with no impact on the declaration of conformity
Type d'appareil		* caractères alphanumériques sans incidence sur la déclaration de conformité
Gerätetyp		* 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 R Heat meter, radio
Q heat 5.5 AMS R Compteur de calories, radio
 Wärmesähler, 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 1000 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-17-MI004-PTB008** (for Q heat 5.5 AMS R)
 a établi l'attestation **MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5 R)
 hat folgende Bescheinigung ausgestellt **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 + A1:2018 Thermal energy meters
EN 301 489-3 V2.1.1 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 email = Tobias.Helf@qundis.com OU = Qundis, Q_Benutzer, Q_Erfurt, Q_EF_Prodktmanagement
 Date: 2023.05.09 09:22:35 +01'00'

Tobias Helf
 Product Manager



EU Declaration of conformity

Deklaracja zgodności UE

Izjava EU o skladnosti

Device Type	HMR5**0n**** ***** n= E,G,I	* alphanumeric characters with no impact on the declaration of conformity
Typ urządzenia		* znaki alfanumeryczne bez wpływu na deklarację zgodności
Tip naprave		* alfanumerični znaki brez vpliva na izjavo o skladnosti

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

Heat meter, radio
Q heat 5.5 R ciepłomierz, radiowa
Q heat 5.5 AMS R 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)	EN62479:2010 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**
priglaseni organ

issued the certificate **MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS R)
wydała następujący certyfikat **MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5 R)
je izdal naslednji certifikat **MID MODUL D: DE-M-AQ-PTB008**

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 + A1:2018	Thermal energy meters
EN 301 489-3 V2.1.1	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: 2023.06.12 15:29:17
+01'00'

Tobias Helf
Product Manager



EU Declaration of conformity

Dichiarazione di conformità CE

Declaración de conformidad UE

Device Type	HMR5**0n**** ***** n= E,G,I	* alphanumeric characters with no impact on the declaration of conformity
Tipo di apparecchio		* caratteri alfanumerici senza conseguenze sulla Dichiarazione di conformità
Tipo de aparato		* 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 R Heat meter, radio
Q heat 5.5 AMS R Contatore termico, radio
Q heat 5.5 AMS R Contador de calor, 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 Nr. der Stelle

issued the certificate **MID MODUL B: DE-17-MI004-PTB008** (for Q heat 5.5 AMS R)
 ha presentato il seguente certificato **MID MODUL B: DE-18-MI004-PTB035** (for Q heat 5.5 R)
 ha emitido el siguiente certificado **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 + A1:2018 Thermal energy meters
EN 301 489-3 V2.1.1 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: 2023.06.12 14:46:29
 +01'00'

Tobias Helf
 Product Manager



EU Declaration of conformity

Prohlášení o shodě EU

ES atitikties deklaracija

Device Type	HMR5**0n**** ***** n= E,G,I	* alphanumeric characters with no impact on the declaration of conformity
Typ přístroje		* alfanumerické znaky bez vlivu na prohlášení o shodě
Prietaiso tipas		* 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
DE-99098 Erfurt Savo atsakomybe pareiškiame, kad gaminys (-iai) iš produktų linijos

Heat meter, radio
Q heat 5.5 R Počítadlo tepla, rádiová
Q heat 5.5 AMS R Šilumos skaitiklis, 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 směrnic(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
obeznámený orgán
l'organisme notifié
**Physikalisch-technische Bundesanstalt,
Braunschweig und Berlin**
Body No.
Numéro **0102**
Nr. der Stelle

issued the certificate
vydal následující certifikát
išdavė toliau nurodytą pažymėjimą
MID MODUL B: DE-17-MI004-PTB008 (for Q heat 5.5 AMS R)
MID MODUL B: DE-18-MI004-PTB035 (for Q heat 5.5 R)
MID MODUL D: DE-M-AQ-PTB008

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

OIML R75:2002/2006 Heat meters
EN 1434-4:2007 Heat meters
EN 1434:2015 + A1:2018 Thermal energy meters
EN 301 489-3 V2.1.1 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: 2023.06.12 14:47:
41 +01'00'

Tobias Helf
Product Manager



EU Declaration of conformity

AB uygunluk beyanı

EU-Konformitätserklärung

Device Type	HMR5**0n**** ***** n= E,G,I	* alphanumeric characters with no impact on the declaration of conformity
Cihaz tipi		* Uygunluk beyanına etkisi olmayan alfanümerik karakterler
Gerätetyp		* 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

Heat meter, radio

Q heat 5.5 R

Isı sayacı, Radyo

Q heat 5.5 AMS R

Wärmezähler, 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
Onaylanmış kuruluş
Die benannte Stelle

Physikalisch-technische Bundesanstalt,
Braunschweig und Berlin

Body No.
sayı 0102
Nr. der Stelle

issued the certificate

aşağıdaki sertifikayı düzenlemiştir

hat folgende Bescheinigung ausgestellt

MID MODUL B: DE-17-MI004-PTB008 (for Q heat 5.5 AMS R)

MID MODUL B: DE-18-MI004-PTB035 (for Q heat 5.5 R)

MID MODUL D: DE-M-AQ-PTB008

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

OIML R75:2002/2006

Heat meters

EN 1434-4:2007

Heat meters

EN 1434:2015 + A1:2018

Thermal energy meters

EN 301 489-3 V2.1.1

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: 2023.06.12 14:48:27
+01'00'

Tobias Helf
Product Manager