

## **(EN) EU-Declaration of Conformity**

**Issuer's name and address:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Object of the declaration:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
1071673 UPONOR SMATRIX WAVE RELAY MODULE M-161 2X  
1071658 UPONOR SMATRIX WAVE RELAY MODULE M-161 UK 2X  
1071676 UPONOR SMATRIX MOVE ANTENNA A-155 RADIO  
1071685 UPONOR SMATRIX WAVE CONTROLLER X-165 6X  
1086979 UPONOR SMATRIX WAVE THERMOSTAT PUBLIC T-163 RAL9016  
1086981 UPONOR SMATRIX WAVE THERMOSTAT STANDARD T-165 POD RAL9016  
1086982 UPONOR SMATRIX WAVE THERMOSTAT D T-166 RAL9016  
1086984 UPONOR SMATRIX WAVE THERMOSTAT P+RH T-168 RAL9016  
1087815 UPONOR SMATRIX WAVE ROOM SENSOR RH STYLE T-161  
1087816 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169  
1087817 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169 BLACK  
1093019 UPONOR SMATRIX BASE CONTROL SET PULSE X-245+R-208 6X  
1093021 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X  
1093022 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X UK  
1093024 UPONOR SMATRIX WAVE CONTROL SET PULSE X-265+R-208 6X  
1093028 UPONOR SMATRIX WAVE ANTENNA PULSE A-265  
1093030 UPONOR SMATRIX PULSE COM R-208  
1093280 UPONOR SMATRIX BASE STARTER SET PULSE S  
1093282 UPONOR SMATRIX BASE STARTER SET PULSE L  
1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **The objects of the declaration described above are in conformity with the relevant Union harmonisation legislation:**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Applicable standards or references for the declaration**

#### **Standards under Directive 2014/53/EU for Radio Equipment (RED Article 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Health/Safety (RED Article 3-1 a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Electromagnetic Compatibility (RED Article 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Standards under Directive 2009/125/EC for energy-related products (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Standards under Directive 2011/65/EU for restriction of use of certain hazardous substances (RoHS3):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

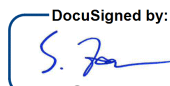
**Standards under Directive 2012/19/EU Waste Electrical and Electronic Equipment (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Hamburg, 26.06.2023

DocuSigned by:  


Uponor GmbH  
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Stephan Zornow  
Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH  
C4259E27F8FB430...

Marcus Bohl  
Manager Approvals and Certifications BLD-E

## **(DE) EU-Konformitätserklärung**

**Name und Anschrift des Ausstellers:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Gegenstand der Erklärung:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
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### **Die oben beschriebenen Gegenstände der Erklärung entsprechen den einschlägigen**

#### **Harmonisierungsrechtsvorschriften der Union:**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Anwendbare Normen oder Referenzen der Erklärung**

#### **Normen in Bezug auf Richtlinie 2014/53/EU für Funkanlagen (RED Artikel 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Gesundheit/Sicherheit (RED Artikel 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Elektromagnetische Verträglichkeit (RED Artikel 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Normen in Bezug auf Richtlinie 2009/125/EG für energieverbrauchsrelevante Produkte (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Normen in Bezug auf Richtlinie 2011/65/EU zur Beschränkung der Verwendung gefährlicher Stoffe (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

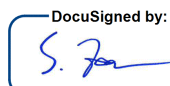
**Normen gemäß Richtlinie 2012/19/EU Elektro- und Elektronik-Altgeräte (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Diese Erklärung wird in alleiniger Verantwortung des Herstellers ausgestellt.

Unterzeichnet für und im Namen des Herstellers durch:

Hamburg, 26.06.2023

DocuSigned by:  


Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:



Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(ES) Declaración de conformidad de la UE**

**Nombre y dirección del emisor:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Objeto de la declaración:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
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### **Los productos de la declaración descrita anteriormente son conformes con la legislación de armonización de la Unión pertinente::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Normas aplicables o referencias de la declaración**

#### **Normas relacionadas con la Directiva de Equipos de Radio 2014/53/UE (RED Artículo 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
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ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Salud/seguridad (RED artículo 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Compatibilidad Electromagnética (RED Artículo 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Normas relacionadas con la Directiva 2009/125/CE para productos relacionados con la energía (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Normas relacionadas con la Directiva 2011/65/UE sobre la restricción de sustancias peligrosas (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

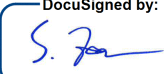
**Estándares bajo la Directiva 2012/19/EU Residuos de Aparatos Eléctricos y Electrónicos (RAEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Esta declaración se emite bajo la exclusiva responsabilidad del fabricante.

Firmado por y en nombre del fabricante por:

Hamburg, 26.06.2023

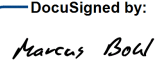
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Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  
  
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Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(FR) Déclaration de conformité UE**

**Nom et adresse de l'exposant:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Objet de la déclaration:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
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### **Les produits de la déclaration décrite ci-dessus sont conformes à la législation d'harmonisation de l'Union applicable:**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Normes ou références applicables de la déclaration**

#### **Normes relatives à la directive sur les équipements radio 2014/53/UE (RED Article 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
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ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Santé/sécurité (RED article 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Compatibilité électromagnétique (RED Article 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

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EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Normes relatives à la directive 2009/125/CE pour les produits liés à l'énergie (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Normes relatives à la directive 2011/65/UE sur la limitation de l'utilisation de substances dangereuses (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

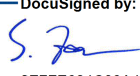
**Normes en vertu de la directive 2012/19/UE relative aux déchets d'équipements électriques et électroniques (DEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Cette déclaration est établie sous la seule responsabilité du fabricant.

Signé pour et au nom du fabricant par:

Hamburg, 26.06.2023

DocuSigned by:  


Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E



## **(IT) Dichiarazione di conformità UE**

**Nome e indirizzo dell'espositore:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Oggetto della dichiarazione:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
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### **I prodotti della dichiarazione sopra descritta sono conformi alla normativa di armonizzazione dell'Unione applicabile::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Norme applicabili o riferimenti della dichiarazione**

#### **Norme relative alla direttiva sulle apparecchiature radio 2014/53/UE (RED Articolo 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Salute/sicurezza (articolo RED 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Compatibilità elettromagnetica (RED Articolo 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Norme relative alla Direttiva 2009/125/CE per i prodotti connessi all'energia (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Norme relative alla direttiva 2011/65/UE sulla restrizione delle sostanze pericolose (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

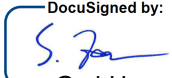
**Norme ai sensi della direttiva 2012/19/UE sui rifiuti di apparecchiature elettriche ed elettroniche (RAEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Questa dichiarazione è rilasciata sotto la sola responsabilità del produttore.

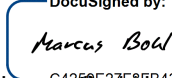
Firmato in nome e per conto del produttore da:

Hamburg, 26.06.2023

DocuSigned by:  
  
Uponor GmbH C88A4E2...

Stephan Zornow  
Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  
  
Uponor GmbH C4279527E85B430...

Marcus Bohl  
Manager Approvals and Certifications BLD-E

## **(NL) EU-Verklaring van Overeenstemming**

**Naam en adres van de exposant:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Voorwerp van de verklaring:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
1071673 UPONOR SMATRIX WAVE RELAY MODULE M-161 2X  
1071658 UPONOR SMATRIX WAVE RELAY MODULE M-161 UK 2X  
1071676 UPONOR SMATRIX MOVE ANTENNA A-155 RADIO  
1071685 UPONOR SMATRIX WAVE CONTROLLER X-165 6X  
1086979 UPONOR SMATRIX WAVE THERMOSTAT PUBLIC T-163 RAL9016  
1086981 UPONOR SMATRIX WAVE THERMOSTAT STANDARD T-165 POD RAL9016  
1086982 UPONOR SMATRIX WAVE THERMOSTAT D T-166 RAL9016  
1086984 UPONOR SMATRIX WAVE THERMOSTAT P+RH T-168 RAL9016  
1087815 UPONOR SMATRIX WAVE ROOM SENSOR RH STYLE T-161  
1087816 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169  
1087817 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169 BLACK  
1093019 UPONOR SMATRIX BASE CONTROL SET PULSE X-245+R-208 6X  
1093021 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X  
1093022 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X UK  
1093024 UPONOR SMATRIX WAVE CONTROL SET PULSE X-265+R-208 6X  
1093028 UPONOR SMATRIX WAVE ANTENNA PULSE A-265  
1093030 UPONOR SMATRIX PULSE COM R-208  
1093280 UPONOR SMATRIX BASE STARTER SET PULSE S  
1093282 UPONOR SMATRIX BASE STARTER SET PULSE L  
1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **De producten van de hierboven beschreven verklaring zijn in overeenstemming met de relevante harmonisatiewetgeving van de Unie::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Toepasselijke normen of referenties van de verklaring**

#### **Normen in verband met Richtlijn 2014/53/EU (RED) voor radioapparatuur (RED Artikel 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Gezondheid/veiligheid (RED artikel 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Elektromagnetische compatibiliteit (RED Artikel 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Normen in verband met Richtlijn 2009/125/EG voor energieregelateerde producten (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Normen in verband met Richtlijn 2011/65/EU betreffende beperking van het gebruik van bepaalde gevaarlijke stoffen (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

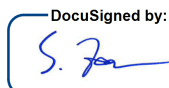
**Normen volgens Richtlijn 2012/19/EU Afgedankte elektrische en elektronische apparatuur (AEEA):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Deze verklaring wordt afgegeven onder de uitsluitende verantwoordelijkheid van de fabrikant.

Ondertekend voor en namens de fabrikant door:

Hamburg, 26.06.2023

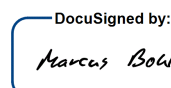
DocuSigned by:  


Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(SV) EU-försäkran om överensstämmelse**

**Utställarens namn och adress:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Föremålet för deklARATIONEN:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
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1093282 UPONOR SMATRIX BASE STARTER SET PULSE L  
1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **Produkterna som beskrivs ovan överensstämmer med relevant union harmoniseringslagstiftning::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Tillämpliga standarder eller referenser för deklARATIONEN**

#### **Standarder relaterade till radioutrustningsdirektivet 2014/53/EU (RED Artikel 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
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ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Hälsa/Säkerhet (RED Artikel 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Elektromagnetisk kompatibilitet (RED Artikel 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Standarder enligt direktiv 2009/125/EG för energirelaterade produkter (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Standarder relaterade till direktiv 2011/65/EU om begränsning av farliga ämnen (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

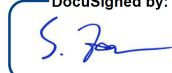
**Standarder enligt direktiv 2012/19/EU Waste Electrical and Electronic Equipment (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Denna deklaration utfärdas på tillverkarens eget ansvar.

Undertecknad för och på tillverkarens vägnar av:

Hamburg, 26.06.2023


DocuSigned by:  


Uponor GmbH 8575B624C88A4E2...

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH 20225518FB430...

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(DK) EU-overensstemmelseserklæring**

**Navn og adresse på udstilleren:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Genstand for erklæringen:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
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1087817 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169 BLACK  
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1093028 UPONOR SMATRIX WAVE ANTENNA PULSE A-265  
1093030 UPONOR SMATRIX PULSE COM R-208  
1093280 UPONOR SMATRIX BASE STARTER SET PULSE S  
1093282 UPONOR SMATRIX BASE STARTER SET PULSE L  
1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **Produkterne i den ovenfor beskrevne erklæring er i overensstemmelse med den relevante EU-harmoniseringslovgivning::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Gældende standarder eller referencer for erklæringen**

#### **Standarder i forbindelse med til radioudstyrsdirektivet 2014/53/EU (RED Artikel 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Sundhed/sikkerhed (RED artikel 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Elektromagnetisk kompatibilitet (RED artikel 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Standarder i henhold til direktiv 2009/125/EF for energirelaterede produkter (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Standarder i forbindelse med direktiv 2011/65/EU om begrænsning af farlige stoffer (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

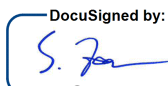
**Standarder i henhold til direktiv 2012/19/EU affald af elektrisk og elektronisk udstyr (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Denne erklæring udstedes på producentens eget ansvar.

Underskrevet for og på vegne af fabrikanten af:

Hamburg, 26.06.2023

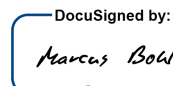
DocuSigned by:  


Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E



## **(FI) EU-vaatimustenmukaisuusvakuutus**

**Näytteilleasettajan nimi ja osoite:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Ilmoituksen kohde:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
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1093280 UPONOR SMATRIX BASE STARTER SET PULSE S  
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1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **Yllä kuvatut tuotteet ovat asiaa koskevan unionin yhdenmukaistamislainsäädännön mukaisia:**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Ilmoituksen sovellettavat standardit tai viittaukset**

#### **Radiolaitedirektiiviin 2014/53/EU (RED Artikla 3-2) liittyvät standardit:**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
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ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Terveys/Turvallisuus (RED-artikkeli 3-1a):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Sähkömagneettinen yhteensopivuus (PUNAINEN artikkeli 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Energiaan liittyvien tuotteiden (ErP) standardit liittyvät direktiiviin 2009/125/EY:**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Vaarallisten aineiden käytön rajoittamisesta annettuun direktiiviin 2011/65/EU (RoHS) liittyvät standardit:**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

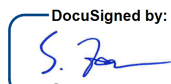
**Standarder i henhold til direktiv 2012/19/EU affald af elektrisk og elektronisk udstyr (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Tämä vakuutus annetaan valmistajan yksinomaisella vastuulla.

Valmistajan puolesta ja puolesta allekirjoittanut:

Hamburg, 26.06.2023

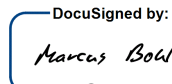
DocuSigned by:  


Uponor GmbH

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(PL) Deklaracja zgodności UE**

**Nazwa i adres wystawcy:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Przedmiot deklaracji:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
1071673 UPONOR SMATRIX WAVE RELAY MODULE M-161 2X  
1071658 UPONOR SMATRIX WAVE RELAY MODULE M-161 UK 2X  
1071676 UPONOR SMATRIX MOVE ANTENNA A-155 RADIO  
1071685 UPONOR SMATRIX WAVE CONTROLLER X-165 6X  
1086979 UPONOR SMATRIX WAVE THERMOSTAT PUBLIC T-163 RAL9016  
1086981 UPONOR SMATRIX WAVE THERMOSTAT STANDARD T-165 POD RAL9016  
1086982 UPONOR SMATRIX WAVE THERMOSTAT D T-166 RAL9016  
1086984 UPONOR SMATRIX WAVE THERMOSTAT P+RH T-168 RAL9016  
1087815 UPONOR SMATRIX WAVE ROOM SENSOR RH STYLE T-161  
1087816 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169  
1087817 UPONOR SMATRIX WAVE THERMOSTAT D+RH STYLE T-169 BLACK  
1093019 UPONOR SMATRIX BASE CONTROL SET PULSE X-245+R-208 6X  
1093021 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X  
1093022 UPONOR SMATRIX WAVE CONTROLLER PULSE X-265 6X UK  
1093024 UPONOR SMATRIX WAVE CONTROL SET PULSE X-265+R-208 6X  
1093028 UPONOR SMATRIX WAVE ANTENNA PULSE A-265  
1093030 UPONOR SMATRIX PULSE COM R-208  
1093280 UPONOR SMATRIX BASE STARTER SET PULSE S  
1093282 UPONOR SMATRIX BASE STARTER SET PULSE L  
1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **Produkty wymienione w powyższej deklaracji są zgodne z odpowiednim prawodawstwem harmonizacyjnym UE::**

Radio Equipment Directive (RED) 2014/53/EU  
General Product Safety Directive (GPSD) 2001/95/EU  
Restriction of use of certain hazardous substances Directive (RoHS3) 2011/65/EU including amendment 2015/863/EU and 2017/2102/EU  
Waste Electrical and Electronic Equipment Directive (WEEE) 2012/19/EU  
Energy-related Products Directive (Eco) 2009/125/EC

### **Obowiązujące normy lub odniesienia do deklaracji**

#### **Normy związane z dyrektywą w sprawie urządzeń radiowych 2014/53/UE (RED Artykuł 3-2):**

EN 55024:2010 + A1:2015 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement  
ETSI EN 301 489-3 V2.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 3: Specific conditions for Short-Range Devices (SRD)  
ETSI EN 301 489-1 V2.2.3 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services – Part 1: Common technical requirements  
ETSI EN 300 220-1 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency range with power levels ranging up to 500 Mw  
ETSI EN 300 220-2 V3.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

**Zdrowie/Bezpieczeństwo (art. 3-1a RED):**

EN 60730-1:2017 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN IEC 60730-2-9:2019 + A1:2019 + A2:2020 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Kompatybilność elektromagnetyczna (artykuł RED 3-1 b):**

EN IEC 61000-3-2:2019 + AMD1:2021 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard

**Normy zgodne z dyrektywą 2009/125/WE dla produktów związanych z energią (ErP):**

Regulation (EU) 2013/813 Ecodesign requirements for space heaters and combination heaters (thermostat : class IV)

**Normy związane z dyrektywa 2011/65/UE w sprawie ograniczenia stosowania substancji niebezpiecznych (RoHS):**

EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

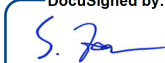
**Normy zgodne z dyrektywą 2012/19/UE dotyczącą zużytego sprzętu elektrycznego i elektronicznego (WEEE):**

EN 50419:2006 Marking of electrical and electronic equipment in accordance with article 11(2) of Directive 2002/96/EC (WEEE)

Niniejsza deklaracja została wydana na wyłączną odpowiedzialność producenta.

Podpisane w imieniu producenta przez:

Hamburg, 26.06.2023

DocuSigned by:  


Uponor GmbH  
057FE624C88A4E2...

Stephan Zornow

Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:  


Uponor GmbH  
E4259E07BFB430...

Marcus Bohl

Manager Approvals and Certifications BLD-E

## **(UK) UKCA-Declaration of Conformity**

**Issuer's name and address:** Uponor GmbH  
Industriestraße 56, 97437 Hassfurt, Germany

### **Object of the declaration:**

1071660 UPONOR SMATRIX WAVE THERMOSTATIC HEAD T-162  
1071646 UPONOR SMATRIX WAVE INTERFACE I-167  
1071667 UPONOR SMATRIX WAVE ANTENNA A-165  
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1093284 UPONOR SMATRIX WAVE STARTER SET PULSE S  
1093287 UPONOR SMATRIX WAVE STARTER SET PULSE L

### **The objects of the declaration described above are in conformity with the relevant Union harmonisation legislation::**

Radio Equipment Regulations 2017 No.1206

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 No.3032

### **Applicable standards or references for the declaration**

#### **Standards under Radio Equipment Regulations 2017 (Article 3-2):**

EN 55024:2010 Amendments – EMC – Information technology equipment – Immunity characteristics – limits and methods of measurement

EN 301 489-1 V1.9.2 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC)

EN 300 220-2 V3.1.1 Electromagnetic compatibility and Radio spectrum Matters (ERM) - Short Range Devices (SRD) - Radio equipment to be used in the 25 MHz to 1000 MHz frequency - part 2

#### **Health/Safety (Article 3-1 a):**

EN 60730-1:2011 Safety – Automatic electrical controls for household and similar use - Part 1: General requirements

EN 60730-2-9:2010 Safety – Automatic electrical controls for household and similar use - Part 2-9: Particular requirements for temperature sensing controls

**Electromagnetic Compatibility (Article 3-1 b):**

EN 61000-3-2:2014 Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current 16 A per phase)

EN IEC 61000-3-3:2013 + AMD1:2017 + AMD2:2021 EN 61000-3-3:2013 Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current =16 A

EN 55014-1:2017 + A11:2020 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -Part 1: Emission

EN 55014-2:2015 EN 55014-2:1997 + A1:2001 + A2:2008 + AC:1997 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus -Part 2: Immunity - Product family standard

**Standards applicable under the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012:**

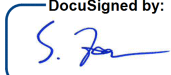
EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

This declaration is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Hamburg, 26.06.2023

DocuSigned by:




Uponor GmbH 8E7FE624C88A4E2...

Stephan Zornow  
Director Product Data and Compliance BLD-E

Hassfurt, 26.06.2023

DocuSigned by:



Uponor GmbH 04259E27F8FB430...

Marcus Bohl  
Manager Approvals and Certifications BLD-E