



EU Declaration of Conformity  
EU Konformitätserklärung  
UE Déclaration de Conformité



We / Wir / Nous,

**NVENT THERMAL BELGIUM N.V.**  
**Romeinse straat 14, 3001 Leuven / Belgium – Belgien - Belgique**

Hereby declare that the products... / Erklären, dass die Produkte... / Déclarons, que les produits...

Heating Cable:

Heizband:

Cable Chauffant:

**31XL2-ZH, 26XL2-ZH, 15XL2-ZH, 10XL2-ZH**

...which is the subject of this declaration, is in conformity with the following standard(s) or normative documents  
...auf das sich diese Erklärung bezieht, mit der/den folgenden Norm(en) oder normativen Dokumenten übereinstimmt  
...auquel cette déclaration se rapporte, est conforme aux norme(s) ou aux documents normatifs suivants

Terms of the Directive(s) and Approval Data... Bestimmungen der Richtlinie und Zulassungsdaten Prescription de la directive et données de référence d'approbation...		Title and/or No. and date of issue of the standard / Titel und/oder Nr. sowie Ausgabedatum der Norm / titre et/ou No. ainsi que date d'émission des normes
2014/35/EU	Low Voltage Directive Die Niederspannungsrichtlinie Directive basse tension	(*) <b>EN 62395-1:2013</b> - Electrical resistance trace heating systems for industrial and commercial applications — Part 1: General and testing requirements <b>DIN EN 62395-1 (VDE 0721-52):2014-10</b>

(\* Harmonized Standards / (\*) Harmonisierte Normen / (\*) Normes Harmonisées

The technical documentation required to demonstrate that the products meet the requirements of the above EC directives has been compiled and is available for inspection by relevant enforcement authorities.

Die technische Dokumentation, die zur Gewährleistung der Einhaltung der EG Richtlinien benötigt wird, wurde erstellt und liegt zur Überprüfung durch eine Autorisierte Stelle bereit.

La documentation technique exigée pour démontrer que les produits répondent aux exigences des directives ci-dessus de CE a été compilée et est disponible pour l'inspection par des autorités chargées de l'application appropriées.

  
nVent Thermal Belgium NV  
Romeinsestraat 14  
BE-3001 Leuven

Leuven, April 28 2018 / Louvain 28 avril 2018.

Gerry De Blick  
Product Certification and Approvals.  
[Gerry.deblick@nvent.com](mailto:Gerry.deblick@nvent.com)



nVent Thermal Belgium N.V.  
 Romeinse straat 14  
 3001 Leuven  
 Belgium

## DECLARATION OF PERFORMANCE

Declaration Number: DOP\_PTM\_27022017\_001 Rev.1

Product types covered under this declaration: XL-Trace Electrical Heat Tracing System

Individual product types supported under this declaration:

**31XL2-ZH, 26XL2-ZH, 15XL2-ZH, 10XL2-ZH**

Intended use of the products:

The Products are designed for freeze protection of pipes.

Due to the lack of any European Harmonized standards for electrical heat tracing products nVent Thermal believes that the above-mentioned products are all exempt from the Construction Product Regulation (CPR / CPD) until the date that there will any harmonized standards published in the official Journal (OJ ) of the European union.

Of course, as the market Leader, nVent Thermal will follow up any future developments closely and will therefore be assisted by suitably accredited notified bodies. In any case nVent Thermal will assure that all legislative and product quality and safety requirements will be met. In case of questions or doubt please contact the undersigned or your local nVent Thermal representative.

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulations (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

DIN EN 62395-1, EN 62395-1:2013  
 (VDE 0721-52):2014-10;

Rated Voltage: 230V.  
 Power Output: 31, 26, 15 or 10 W/m

DIN EN 60754-1 (VDE 0482 Teil 754-1):2015-08; EN 60754-1:2014 - Test on gases evolved during combustion of materials from cables – Part 1: Determination of the halogen acid gas content)

	Amount of Halogen Acid Gas (mg/g HCl)	pH Value	Conductivity (µS/mm)
10XL2-ZH	< 5	< 5,85	< 1,42
31XL2-ZH	< 5	< 4,67	< 1,83

DIN EN 60754-2 (VDE 0482 Teil 754-):2015-08 EN 60754-2:2014 - Test on gases evolved during combustion of materials from cables – Part 2: Determination of acidity (by pH measurement) and conductivity)

IEC 61034-2:2005 +A1:2013 - Measurement of smoke density of cables burning under defined conditions

Minimum Light Transmittance in accordance with IEC 61034-2 - 85,2 %

Signed for and on behalf of the manufacturer by:

  
 nVent Thermal Belgium NV  
 Romeinsestraat 14  
 BE-3001 Leuven

[Gerry.deblick@nvent.com](mailto:Gerry.deblick@nvent.com)

Manager Certifications & Approvals  
 Tel: 003216213545  
 Gerry De Blick

Place and Date of last update:

Leuven Belgium April 28<sup>th</sup> 2019