



## *Environmental Product Declaration*

|                     |                                     |  |                    |
|---------------------|-------------------------------------|--|--------------------|
| <b>Product</b>      | Type of equipment                   | <b>VPI46.. (DN15 &amp; DN20)</b><br><b>VPI46..Q (DN15 &amp; DN20)</b><br><b>VPP46.. (DN10, DN15 &amp; DN20)</b><br><b>VPP46..Q (DN10, DN15 &amp; DN20)</b> |                    |
|                     | Designation                         | <b>Combi valves</b>  |                    |
|                     | Product line                        | <b>Acvatix™, Valves &amp; Actuators</b>  |                    |
|                     | <b>Process control</b>              | Siemens Schweiz AG, Building Technologies Division<br>Gubelstrasse 22, CH-6301 Zug   |                    |
|                     | Management system certified         | since  | by                 |
|                     | ISO 14001 (environment)             | <b>20. Oct. 1998</b>   | <b>SQS</b>         |
|                     | ISO 9001 (quality)                  | <b>22. Jul. 1986</b>   | <b>SQS</b>         |
| <b>Product use</b>  | Typical energy consumption per year | <b>not applicable</b>  |                    |
|                     | Maintenance                         | <b>Maintenance free</b>  |                    |
| <b>Risk of fire</b> | Fire protection according to        | <b>not applicable</b>  |                    |
|                     | Fire load                           | Plastics   | <b>max. 1 MJ</b>   |
|                     |                                     | Packaging  | <b>max. 0.2 MJ</b> |
| <b>Packaging</b>    | 21-PAP Fiber board                  | <b>Single packaging</b>  | <b>44 g</b>        |
|                     | 4-LPDE                              |  | <b>4 g</b>         |
|                     | Notes on disposal                   | <b>One-way, recyclable</b>   |                    |

| <b>Materials</b>      | <b>VPI46.., VPI46..Q, VPP46.. and VPP46..Q</b> | Total weight of device * | <b>329...533 g</b> |
|-----------------------|--|--------------------------|--------------------|
| Plastics              | Diaphragm                                      | HNBR                     | <b>1 g</b>         |
|                       | Scale and presetting grip                      | ABS                      | <b>15 g</b>        |
|                       | Restrictors                                    | PPO                      | <b>1 g</b>         |
|                       | O-Ring, rubber seals                           | EPDM 281                 | <b>4 g</b>         |
|                       | Piston parts and restrictor                    | PPS                      | <b>4 g</b>         |
|                       | Tripod   | PEI                      | <b>1 g</b>         |
|                       | Metals   | Valve body               | CuZn36Pb2As        |
| Parts other           |  | CuZn39Pb3                | <b>106...165 g</b> |
| Lock-unit and -washer |  | CuZn39Pb3                | <b>4 g</b>         |
| Spring                |  | Stainless Steel W1.4310  | <b>3 g</b>         |
| Spindle               |  | Stainless Steel W1.4305  | <b>11 g</b>        |

\* The total weight of a device may deviate from the total of the weights of all individual components due to rounding.

| <b>Special components</b> |                 |  |            |
|---------------------------|-----------------|--|------------|
| Oil                       | DC200 (O-Rings) |  | <b>1 g</b> |
| Grease                    | NCA 3001        |  | <b>1 g</b> |

\* Weights in brackets are already included in components declared under materials.

| <b>Disposal</b> |   |
|-----------------|---|
|                 | The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered to. Regarding disposal, use the systems setup for collecting electronic waste.<br>Observe all local and applicable laws. |

## Comments

### EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:

Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials and Cd: <0.01% by weight in homogeneous materials

### Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. (Status according to the creation date of this document.)

#### Legal disclaimer: This declaration is for information purposes only

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.  
Siemens Schweiz AG therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.