



## Environmental Product Declaration

### Product

|                                 |                                                                                                                                                            |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type of equipment / Product No. | VPI46.15L0.2<br>VPI46.15L0.4<br>VPI46.15L0.6<br>VPI46.15F1.4<br>VPI46.20L0.6<br>VPI46.20F1.4<br>VPI46.20F1.8<br>VPI46.25F1.8<br>VPI46.25F3.6<br>VPI46.32F4 |
| Product line, Product range     | PICV, PN25, w/o PT-ports, internally threaded                                                                                                              |

### Process control

|                                                             |                 |     |
|-------------------------------------------------------------|-----------------|-----|
| Siemens Switzerland Ltd<br>Theilerstrasse 1a<br>CH-6300 Zug |                 |     |
| Management System                                           | since           | by  |
| ISO 9001 (Quality)                                          | 22-July-1986    | SQS |
| ISO 14001 (Environment)                                     | 20-October-1998 | SQS |
| OHSAS 18001 (OH&S)                                          | 01-January-2011 | SQS |

|           |           |
|-----------|-----------|
| Fire load | 1 ... 2MJ |
|-----------|-----------|

### Packaging

|                              |                     |         |
|------------------------------|---------------------|---------|
| 20-PAP Corrugated fibreboard | Cut box             | variant |
| Notes on disposal            | One-way, recyclable |         |

### Materials

|                                                                                                                      |                       |                      |
|----------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|
| Total weight of device                                                                                               |                       | variant *) see below |
| The total weight of a device may deviate from the total of the weights of all individual components due to rounding. |                       |                      |
| ABS                                                                                                                  | Cap                   | 12g                  |
| ABS                                                                                                                  | Scale and pre-set     | 3g                   |
| PPS; GF 40%                                                                                                          | Piston                | variant              |
| PPO; GF 20%                                                                                                          | Restrictor            | variant              |
| PEI                                                                                                                  | Tripod                | variant              |
| HNBR; MF 0%                                                                                                          | Diaphragm             | variant              |
| Metals                                                                                                               | CuZnPb                | Valve housing        |
|                                                                                                                      | CuZnPb                | Bonnet               |
|                                                                                                                      | Steel stainless       | Screws               |
|                                                                                                                      | Steel stainless       | Spring               |
|                                                                                                                      | Steel stainless       | Stem                 |
|                                                                                                                      | Steel stainless       | Guide for restrictor |
|                                                                                                                      | CuZnPb                | Seat ring            |
|                                                                                                                      | CuZnPb                | Piston+Ring          |
|                                                                                                                      | CuZnPb                | Preset fixation nut  |
|                                                                                                                      | CuZnPb; nickel plated | Guide for restrictor |
|                                                                                                                      | CuZnPb                | Lock nut             |
|                                                                                                                      |                       | 8g                   |
|                                                                                                                      |                       | variant              |
|                                                                                                                      |                       | variant              |
|                                                                                                                      |                       | 4g                   |
|                                                                                                                      |                       | variant              |
|                                                                                                                      |                       | 5g                   |

Smart Infrastructure  
Building Products

\*Variant parts list

|                        | VP146.15L0.2 | VP146.15L0.4 | VP146.15L0.6 | VP146.15F1.4 | VP146.20L0.6 | VP146.20F1.4 | VP146.20F1.8 | VP146.25F1.8 | VP146.25F3.6 | VP146.32F4 |
|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| [g]                    |              |              |              |              |              |              |              |              |              |            |
| Total weight of device | 389          | 385          | 389          | 385          | 426          | 430          | 426          | 545          | 1.066        | 1.234      |
| Piston                 | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 2            | 19           | 19         |
| Restrictor             |              |              |              |              |              |              |              |              | 2            | 2          |
| Tripod                 |              |              |              |              |              |              |              |              | 3            | 3          |
| Diaphragm              |              |              |              |              |              |              |              |              | 2            | 2          |
| Valve housing          | 234          | 234          | 234          | 234          | 275          | 275          | 275          | 390          | 700          | 868        |
| Bonnet                 | 92           | 89           | 92           | 89           | 89           | 92           | 89           | 92           | 228          | 228        |
| Spring                 | 1            |              | 1            |              |              | 1            |              | 1            | 8            | 8          |
| Stem                   | 11           | 11           | 11           | 11           | 11           | 11           | 11           | 11           | 15           | 15         |
| Guide for restrictor   | 11           | 11           | 11           | 11           | 11           | 11           | 11           | 11           |              |            |
| Seat ring              |              |              |              |              |              |              |              |              | 20           | 20         |
| Piston+Ring            | 6            | 6            | 6            | 6            | 6            | 6            | 6            | 6            | 13           | 13         |
| Guide for restrictor   |              |              |              |              |              |              |              |              | 24           | 24         |
| Packaging              |              |              |              |              |              |              |              |              |              |            |
| Cut box                | 41           | 41           | 41           | 41           | 41           | 41           | 41           | 41           | 66           | 66         |

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible.  
Observe all local and applicable laws.

For country-specific requirements regarding further disposal information:  
<http://www.siemens.com/download?A6V13734633>

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive, including the 4 phthalates added to Annex II in 2015.

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

The device contains the following substances of the candidate list meeting the criteria laid down in Article 57 of Regulation (EC) 1907/2006 and identified in accordance with Article 59(1) of EU REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w. Contained REACH candidate substances, including those which will become known at a later date, are listed on the delivery note.  
lead (Pb) [BT-code 9030], CAS-Nr.7439-92-1

(Status according to the creation date of this document.)

The device is low-halogen.

**Legal Disclaimer: This declaration is for information purpose 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 Switzerland Ltd 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.