



Environmental Product Declaration

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|--|---|---------------------------------------|---------|--|
| Product | Type of equipment / Product No. | VVF42..C | | |
| | Designation | 2 Way valves with flanged connections | | |
| | Product line | Acvatix TM | | |
| Process control | Beijing Siemens Cerberus Electronic Ltd. Building Technologies Divison No.1 Fengzhi East Road, Xi Bei Wang, HaiDian District, Beijing 100094, China | | | |
| | Management System | since | by | |
| | ISO 14001 (Environment) | 08.05.2017 | SGS | |
| | ISO 9001 (Quality) | 14.04.2017 | SGS | |
| Environmentally compatible product design | Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design". | | | |
| | Maintenance | Not necessary | | |
| Risk of fire | Fire protection according to | EN 60730-1 | | |
| | Fire load | 1MJ | | |
| Packaging | Corrugated paperboard | Folding Box | variant | |
| | Corrugated paperboard | Folding Box Insert | variant | |
| | Wooden | Folding Box Base Seat | | |
| | PE | Cap | variant | |
| | PA66 | Stop tie | | |
| | Corrugated paperboard | Protect cap | variant | |
| | Notes on disposal | 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. | | | |
| Plastics | EPDM | O ring | | |
| | PTFE | Packing box wiper | 3g | |
| Metals | Grey cast iron; lacquered | Valve body DN25-DN100 | variant | |
| | Spheroidal graphite cast iron; lacquered | Valve body DN125-DN150 | | |
| | Grey cast iron; lacquered | Blind flange | variant | |
| | Steel | Hexagon head screw, Hex- nut | variant | |
| | Steel stainless | Plug DN32-DN150 | variant | |
| | CuZn | Plug DN25 | variant | |
| | Steel stainless | Stem | 85g | |
| | CuZn | Packingbox | 91g | |
| | Steel | Retaining ring | variant | |

| | | |
|-----------------|--------------------|----|
| Al alloy | Name plate | 2g |
| Steel stainless | Lock nut | |
| Steel stainless | B-AB seat ring | |
| Others | Lubrication grease | |
| Silicon free | | |

***Variant parts list**

| | VVF42.25 | VVF42.32 | VVF42.40 | VVF42.50 | | | | | | | |
|------------------------------|----------|----------|----------|----------|--|--|--|--|--|--|--|
| [g] Total weight of device | 5,009 | 7,556 | 8,837 | 11,768 | | | | | | | |
| O ring | | | | | | | | | | | |
| Packing box wiper | 2 | 2 | 2 | 2 | | | | | | | |
| Valve body DN25-DN100 | 3,825 | 5,697 | 6,680 | 8,949 | | | | | | | |
| Valve body DN125-DN150 | | | | | | | | | | | |
| Blind flange | 600 | 1,003 | 1,172 | 1,663 | | | | | | | |
| Hexagon head screw, Hex- nut | 266 | 546 | 546 | 618 | | | | | | | |
| Plug DN32-DN150 | | 126 | 253 | 348 | | | | | | | |
| Plug DN25 | 135 | | | | | | | | | | |
| Stem | 85 | 85 | 85 | 85 | | | | | | | |
| Packingbox | 91 | 91 | 91 | 91 | | | | | | | |
| Retaining ring | 2 | 3 | 5 | 9 | | | | | | | |
| Lock nut | | | | | | | | | | | |
| B-AB seat ring | | | | | | | | | | | |
| Lubrication grease | | | | | | | | | | | |

Packaging

| | VVF42.25 | VVF42.32 | VVF42.40 | VVF42.50 | | | | | | | |
|-----------------------|----------|----------|----------|----------|--|--|--|--|--|--|--|
| [g] Folding Box | 128 | 606 | 606 | 910 | | | | | | | |
| Folding Box Insert | 32 | 326 | 326 | 530 | | | | | | | |
| Folding Box Base Seat | | | | | | | | | | | |
| Cap | | 31 | 31 | 31 | | | | | | | |
| Stop tie | | | | | | | | | | | |
| Protect cap | 50 | | | | | | | | | | |

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.

Comments

EU-directive 2011/65/EU (RoHS)

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

The device is halogen-free with exception of:

Wider ring: O ring: Grease: Sealina

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.

Beijing Siemens Cerberus Electronic 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.

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