



## DECLARATION OF CONFORMITY

according to EN 45014

HERZ mixing valves **27766XX** with two-port flow direction are designed for drinking water installations and are available with different flow rates and mixing temperatures.

### **MATERIAL:**

|                     |                                 |
|---------------------|---------------------------------|
| Brass of valve body | dezincification resistant brass |
| Spring              | stainless steel 1.4310          |
| Internal parts      | dezincification resistant brass |
| Stem                | dezincification resistant brass |
| Handwheel           | ABS                             |
| Seals               | EPDM                            |

### **SIZES:**

Dimensions and connection thread according to standard sheet.

### **FUNCTION:**

|  | <u>2776651</u> | <u>2776654</u> |
|--|----------------|----------------|
| Mixing temperature, factory setting:                 | 38°C           | 45°C           |
| Set value:   | 38-48°C        | 35-60°C        |
| Max. hot water inlet temperature:                    | 95°C           | 95°C           |
| Min. cold water inlet temperature range:             | 5-25°C         | 5-25°C         |
| Min. overheat of hot water compared to mixing water: | 15°C           | 15°C           |
| Mixed water temperature hysteresis:                  | +/-2°C         | +/-2°C         |
| Max. static pressure:                                | 10bar          | 10bar          |
| Max. dynamic pressure:                               | 0,2-6bar       | 0,2-6bar       |
| Min. flow:   | 4l/min         | 4l/min         |
| Flow at 3bar:  | 25l/min        | 42l/min        |

### **QUALITY INSPECTIONS/TESTS:**

The control of products (material, dimensional, and functional tests) during production is performed in accordance to the requirements of the EN ISO 9001:2008 certified Quality Management System.

Each delivered valve is pressure tested and permanently stamped with the test mark.

Vienna, 25.04.18

HERZ Armaturen Ges.m.b.H



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