



### Product Features

- particularly suitable for hot water circulation systems due to very low opening pressure
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water
- male union thread
- with plugged drain port
- with test port
- controllable check cartridge
- free from dead spots
- for any installation position

### Standards and Approvals

- DVGW approval
- ÖVGW approval
- SVGW approval
- KIWA approval
- BELGAQUA approval
- VA approval
- according to DVGW worksheet W 570
- according to accepted materials list from German environmental agency
- up to DN 32 soundproofing certification according to DIN EN ISO 3822 Class 1
- DIN EN 13959
- ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

### Technical data

- pressure rating PN 10
- max. operating temperature 65 °C
- short-term peak temperature 90 °C

| Part no.   | DN | A1      | A2    | H1 (mm) | L1 (mm) | Zeta | $\Delta p_{\text{opening}}$ (hpa) | cv (m <sup>3</sup> /h) | kg   |
|------------|----|---------|-------|---------|---------|------|-----------------------------------|------------------------|------|
| 1581G01500 | 15 | G 3/4   | G 1/4 | 24      | 70      | 4.3  | 10                                | 4.3                    | 0.19 |
| 1581G02000 | 20 | G 1     | G 1/4 | 27      | 80      | 3.2  | 10                                | 8.9                    | 0.27 |
| 1581G02500 | 25 | G 1 1/4 | G 1/4 | 32.5    | 82      | 2.7  | 10                                | 15                     | 0.42 |
| 1581G03200 | 32 | G 1 1/2 | G 1/4 | 36      | 87      | 2.7  | 10                                | 24.8                   | 0.47 |
| 1581G04000 | 40 | G 1 3/4 | G 1/4 | 40.5    | 95      | 1.5  | 10                                | 51                     | 0.63 |
| 1581G05000 | 50 | G 2 3/8 | G 1/4 | 47.5    | 115     | 2.4  | 10                                | 63.9                   | 1.03 |

## Accessories

- gunmetal sampling valve, figure 187 00
- drain valve made of gunmetal/plastic, figure J7109 173 00
- gunmetal solder union connector, figure 476 04
- Pt 1000 temperature sensor, figure T5100 140 00
- dial thermometer, figure T5100 150 00
- gunmetal union connector, union nut, figure 476 06
- axial drain valve and immersion sleeve, figure J7109 150 00
- gunmetal union connector, union nut, FPT, with drain valve, figure 476 07
- extension element for drain valve, figure J6109 473 00
- gunmetal union connector, union nut, MPT, figure 476 08
- solder / pressfit union connector, figure 476 14
- pressfit union connector, MAPRESS stainless steel and copper, figure 476 22
- pressfit union connector, SANPRESS and PROFIPRESS, figure 476 30
- pressfit union connector, SANHA and NiroSan, figure 476 35
- pressfit union connector, MEPLA, figure 476 40
- pressfit union connector, MAPRESS stainless steel, figure 476 20
- pressfit union connector, SANPRESS INOX, figure 476 70

## Spare parts

- threaded plug , figure J8101 173 00
- CV cartridge, figure P4100 158 00