



Product Features

- standard industrial signal (4 to 20 mA)
- for the accurate measurement of flow rates and temperatures in drinking water systems
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant against aggressive water
- sensor housing for low pressure loss
- up to 50% of measuring range: divergence max. 1% of full-scale reading
- from 50% of measuring range: deviation max. 2% of measured value
- for connection to the building management system (BMS)
- male union thread
- free from dead spots
- with vortex flow sensor that includes a 2-wire Pt1000
- 5-pin M12x1 interface
- incl. M12x1 cable with loose litz wires
- DN 10 is recommended for use with flow limiter 2 l/min

Standards and Approvals

- WRAS approval
- according to accepted materials list from German environmental agency
- ÜA-Reg.-Nr. R-15.2.3-21-17048, WIEN-ZERT

Technical data

- pressure rating PN 10
- min. flow velocity 0.2 m/s
- max. flow velocity 2.5 m/s
- min. operating temperature 0 °C
- max. operating temperature 100 °C
- protection class IP65
- power supply 8...33 V DC

| Part no. | DN | A1 | D1 (mm) | H1 (mm) | L1 (mm) | L2 (mm) | pressure loss at 1 m/s (hPa) | pressure loss at 2 m/s (hPa) | cv (m³/h) | Weight (kg) |
|------------|----|---------|---------|---------|---------|---------|------------------------------|------------------------------|-----------|-------------|
| 1386G01000 | 10 | G 3/4 | 38.5 | 46 | 65 | 35 | 114 | 460 | 1.9 | 0.36 |
| 1386G01500 | 15 | G 3/4 | 38.5 | 44 | 65 | 32 | 36 | 142 | 3.3 | 0.35 |
| 1386G02000 | 20 | G 1 | 38.5 | 46 | 75 | 40 | 28 | 109 | 6.8 | 0.31 |
| 1386G02500 | 25 | G 1 1/4 | 38.5 | 48 | 86 | 49 | 25 | 100 | 11.2 | 0.57 |
| 1386G03200 | 32 | G 1 1/2 | 38.5 | 50.5 | 109 | 70 | 32 | 124 | 16.3 | 0.74 |
| 1386G04000 | 40 | G 1 3/4 | 38.5 | 57.5 | 109 | 66.5 | 30 | 121 | 26 | 0.94 |
| 1386G05000 | 50 | G 2 3/8 | 38.5 | 64.5 | 113 | 70 | 31 | 123 | 40.3 | 1.37 |

Accessories

- gunmetal solder union connector, figure 476 04
- gunmetal union connector, union nut, figure 476 06
- gunmetal union connector, union nut, FPT, with drain valve, figure 476 07
- gunmetal union connector, union nut, MPT, figure 476 08
- solder / pressfit union connector, figure 476 14
- insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19
- 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
- adaptor, double union nut, figure 101 06

Spare parts

- sensor replacement set CONTROL PLUS BMS version, figure 138 6G 1