



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 UBA KTW BWGL
- according to UBA BWGL Metals
- 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 (m^3/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

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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
- insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19
- 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
- adaptor, double union nut, figure 101 06

Spare parts

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

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