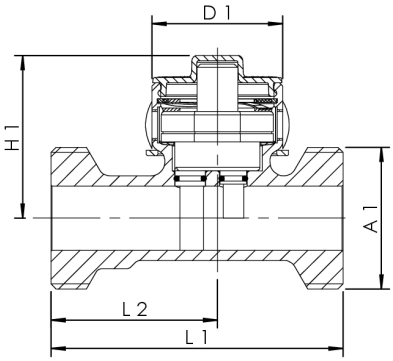
CONTROL-PLUS flow and temperature sensor, 4 - 20 mA signal, union thread, figure 138 6G





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
- plastic parts with KTW and W 270 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)	flow metering range (l/min)	cv (m^3/h)	kg
1386G01000	10	G 3/4	38,5	46	65	35	114	460	0,9 - 15	1,9	0,364
1386G01500	15	G 3/4	38,5	44	65	32	36	142	1,8 - 32	3,3	0,350
1386G02000	20	G 1	38,5	46	75	40	28	109	3,5 - 50	6,8	0,305
1386G02500	25	G 1 1/4	38,5	48	86	49	25	100	5 - 85	11,2	0,573
1386G03200	32	G 1 1/2	38,5	50,5	109	70	32	124	9 - 150	16,3	0,742
1386G04000	40	G 1 3/4	38,5	57,5	109	66,5	30	121	11 - 188	26	0,941
1386G05000	50	G 2 3/8	38,5	64,5	113	70	31	123	18 - 316	40,3	1,369

accessory

insulation shell for quarter turn stop valves and CONTROL-PLUS sensors, figure 471 19
gunmetal solder union connector, figure 476 04
gunmetal union connector, union nut, FPT, 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
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
pressfit union connector for Viega RAXOFIX, figure 476 32

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