



Product Features

- frequency output signal
- 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 KHS control systems
- male union thread
- free from dead spots
- with vortex flow sensor that includes a 2-wire Pt1000
- 5-pin M12x1 interface
- readout and display of values via additional available KHS potable measuring instrument
- optional cable M12x1 required for connection to KHS control systems
- 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 5 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 (m³/h)	kg
1384G01000	10	G 3/4	38,5	46	65	35	114	460	0,9 - 15	1,9	0,306
1384G01500	15	G 3/4	38,5	44	65	32	36	142	1,8 - 32	3,3	0,294
1384G02000	20	G 1	38,5	46	75	40	28	109	3,5 - 50	6,8	0,38
1384G02500	25	G 1 1/4	38,5	48	86	49	25	100	5 - 85	11,2	0,521
1384G03200	32	G 1 1/2	38,5	50,5	109	70	32	124	9 - 150	16,3	0,695
1384G04000	40	G 1 3/4	38,5	57,5	109	66,5	30	121	11 - 188	26	0,892
1384G05000	50	G 2 3/8	38,5	64,5	113	70	31	123	18 - 316	40,3	1,326

## accessory

CONTROL-PLUS hand-held measuring device for sensors, figure 138 00 002  
M12x1 cable with loose litz wires, figure 138 00 012  
sensor measuring module, figure 138 00 011  
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  
CONTROL-PLUS portable measuring instrument for sensors, figure 138 00 005