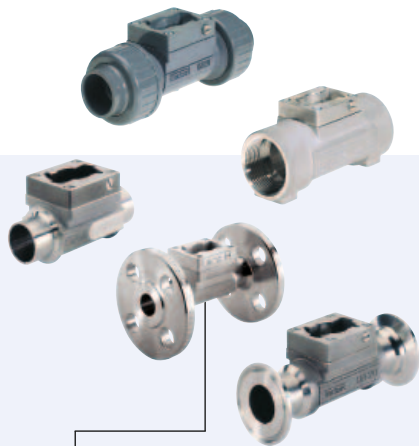


INLINE sensor-fitting with paddle wheel for flow measurement



Type S030 can be combined for...



Type 8030
Flowmeter



Type 8032
On/Off flowmeter



Type SE30 Ex
Flowmeter
ATEX version



Type 8035
Flowmeter



Type 8036
Flowmeter



Type 8611
Universal-Control-
ler eControl

- DN06 to DN65
- Closed pipe system, sensor inside fitting
- Quarter-turn technology
- Transmitter available for:
 - Indication, Monitoring, Transmitting
 - On/Off control, Batch control

The sensor-fitting S030 has a built-in paddle wheel to measure the flow rate. When liquid flows through the pipe, the paddle wheel is set in rotation producing pulses which frequency is proportional to the flow rate.

The Bürkert "INLINE Quarter-turn" technology is a construction ensuring a leakage free operation.

The paddle wheel rotation (permanent magnets included in the wheels) is detected contactless through the sensor-fitting wall. The transmitter can be snapped-on or removed without opening the pipe or interrupting the process.

The Bürkert Quarter-turn technology



General data	
Pipe diameter	DN06...DN65
Measurement range	0.5...1200 l/min
Flow velocity	0.3...10 m/s (see flow diagram)
Measurement error	Teach-In (via a remote transmitter) ±1% of Reading ¹⁾ (at the teach flow rate value) Standard K-factor ±2.5% of Reading ¹⁾
Linearity¹⁾	±0.5% of F.S.*
Repeatability¹⁾	±0.4% of Reading
Process connections	Metal Internal or external thread, weld ends, Clamp or flange Plastic True union, spigot or external thread
Materials	Seal FKM or EPDM (depending on version, see ordering chart) Body Stainless steel (316L -1.4404), brass (CuZn ₃₉ Pb ₂), PVC, PP, PVDF Screws Stainless steel (316L -1.4404) Paddle wheel PVDF (PP on request or stainless steel, see data sheet 8030HT) Shaft and bearings Ceramics (Al ₂ O ₃)
Medium data	
Medium temperature	0...+50°C (+32...+122°F) for sensor-fitting in PVC 0...+80°C (+32...+176°F) for sensor-fitting in PP -15...+100°C (+5...+212°F) for sensor-fitting in stainless steel, brass or PVDF
Medium pressure (max.)	see pressure/temperature chart Metal PN16 (232.16 PSI) (PN40 (580.4 PSI) on request) Plastic PN10 (145.1 PSI)
Fluid properties	clean, neutral or slightly aggressive, solid-free liquids Pollution max. 1%, size of particles 0.5 mm max. Viscosity 300 cSt. max.

* F.S. = Full scale (10 m/s)

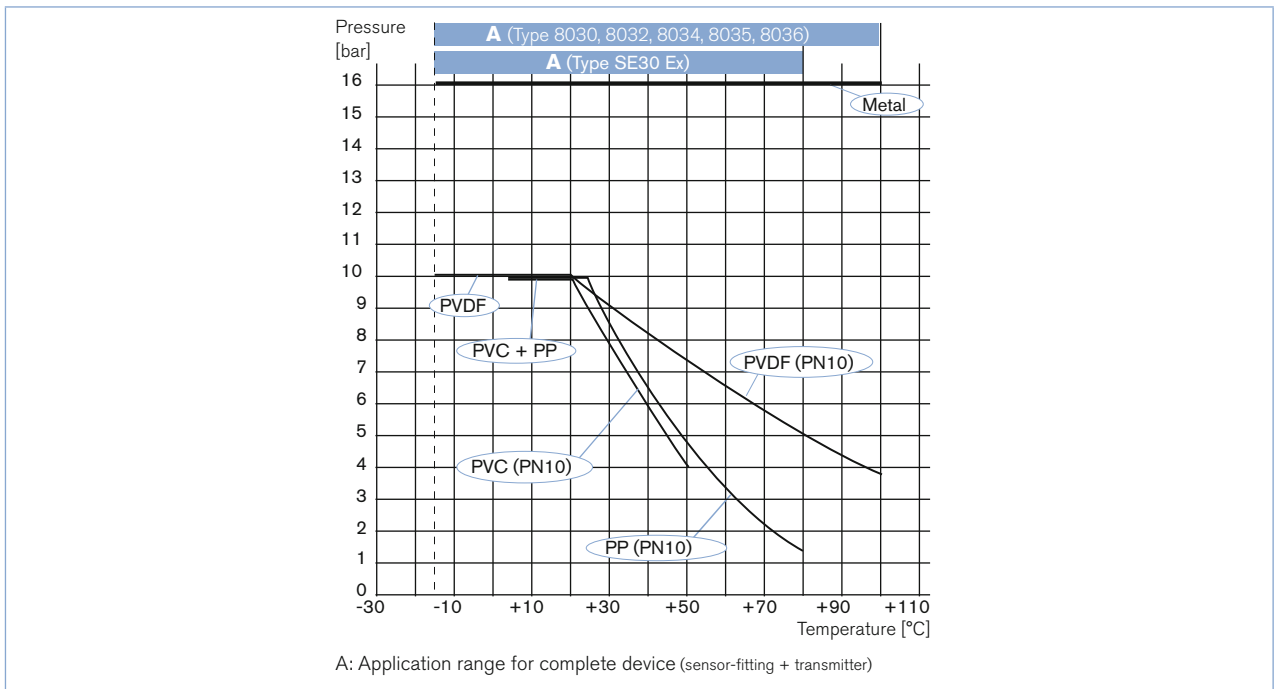
¹⁾ Under reference conditions i.e. measuring fluid = water, ambient and water temperature = 20°C, applying the minimum inlet and outlet pipe straights, matched inside pipe dimensions.

Environment	
Ambient temperature (operating and storage)	-15...+60°C (+5...+122°F) for sensor-fitting in PVC -15...+80°C (+5...+176°F) for sensor-fitting in PP -15...+100°C (+5...+212°F) for sensor-fitting in stainless steel, brass or PVDF depending on associated transmitter
Standards, directives and Certifications	
Directive - Pressure	Complying with article 4, §1 of 2014/68/EU directive*
Certificate on request	Inspection certificate 3.1 (acc. to EN-ISO 10204); Test report 2.2 (acc. to EN-ISO 10204); Certification of Conformity for the surface Quality (DIN4762-DIN4768-ISO/4287/1); 3 points Flow calibration certificate; FDA declaration of conformity (stainless steel fitting only with EPDM seal)

* For the 2014/68/EU pressure directive, the device can only be used under following conditions (depending on max. pressure, pipe diameter and fluid).

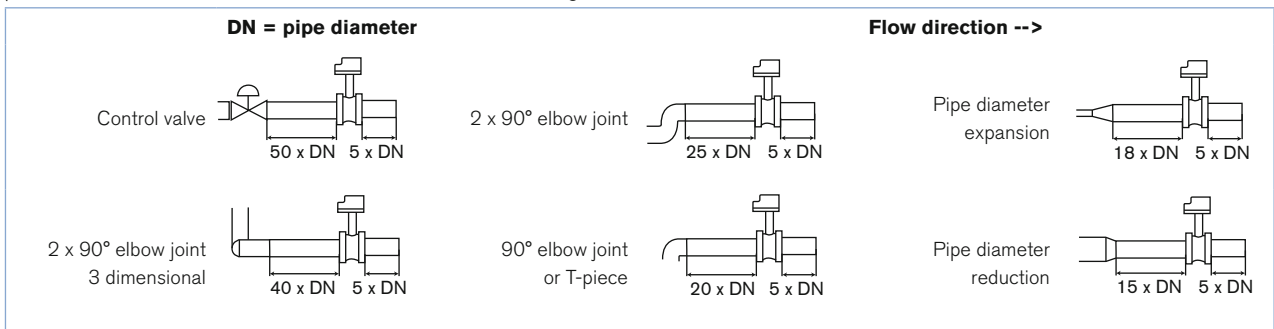
Type of fluid	Conditions
Fluid group 1, article 4, §1.c.i	DN ≤ 25
Fluid group 2, article 4, §1.c.i	DN ≤ 32 or PN*DN ≤ 1000
Fluid group 1, article 4, §1.c.ii	DN ≤ 25 or PN*DN ≤ 2000
Fluid group 2, article 4, §1.c.ii	DN ≤ 200 or PN ≤ 10 or PN*DN ≤ 5000

Pressure/temperature diagram



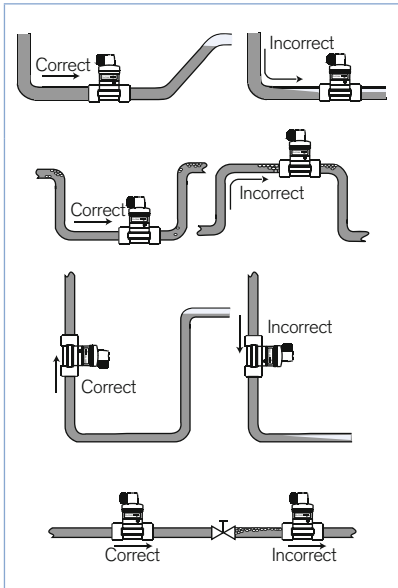
Installation

Minimum straight inlet and outlet distances must be observed. According to the pipes design, necessary distances can be bigger or use a flow conditioner to obtain the best results. The most important layouts that could lead to turbulence in the flow are shown below, together with the associated prescribed minimum inlet and outlet distances determined according to the standard EN ISO 5167-1



Installation

The device can be installed into either horizontal or vertical pipes.



Pressure and temperature ratings must be in accordance to the selected sensor-fitting material.

The suitable pipe size is selected using the diagram Flow/Velocity/DN.

Construction

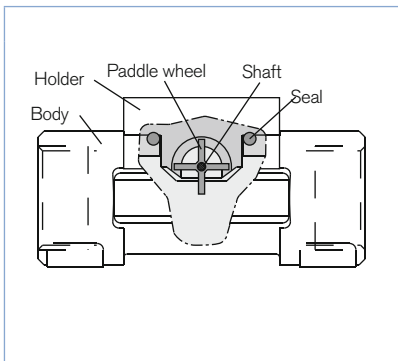
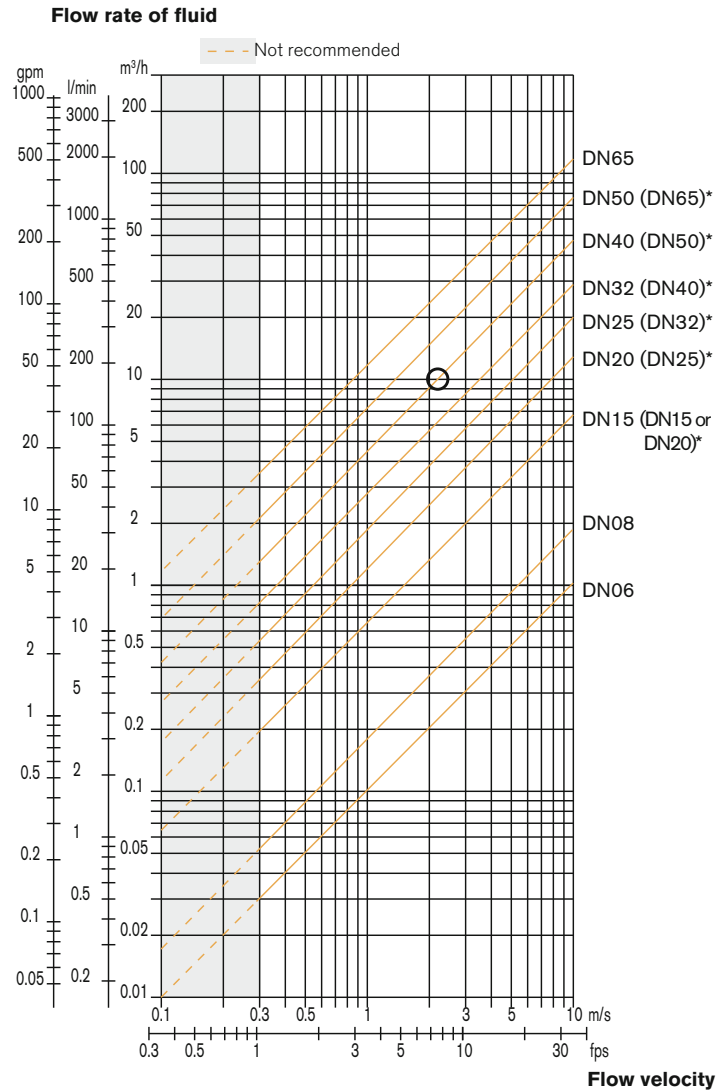


Diagram Flow/Velocity/DN

Example:

- Flow: 10 m³/h
- Ideal flow velocity: 2...3 m/s

For these specifications, the diagram indicates a pipe size of DN40 [or DN50 for (*) mentioned sensor-fittings]

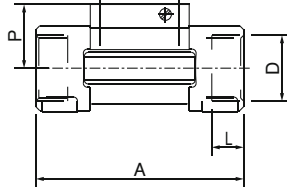


- * for following sensor-fittings with:
- external threads acc. to SMS 1145
 - weld ends acc. to SMS 3008, BS4825-1/ASME BPE/DIN 11866 series C or DIN 11850 series 2/ DIN 11866 series A/DIN EN 10357 series A
 - Clamp acc. to SMS 3017, BS 4825-3/ASME BPE or DIN 32676 series A

INLINE sensor-fitting dimensions

Internal thread connection

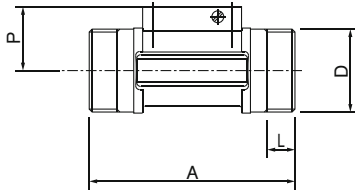
G, NPT or Rc
 in stainless steel (316L - 1.4404) or
 brass (CuZn39Pb2)



DN	P	A	D	L
[mm]	[mm]	[mm]	[inch]	[mm]
15	34.5	84.0	G 1/2	16.0
			NPT 1/2	17.0
			Rc 1/2	15.0
20	32.0	94.0	G 3/4	17.0
			NPT 3/4	18.3
			Rc 3/4	16.3
25	32.2	104.0	G 1	23.5
			NPT 1	18.0
			Rc 1	18.0
32	35.8	119.0	G 1 1/4	23.5
			NPT 1 1/4	21.0
			Rc 1 1/4	21.0
40	39.6	129.0	G 1 1/2	23.5
			NPT 1 1/2	20.0
			Rc 1 1/2	19.0
50	45.7	148.5	G 2	27.5
			NPT2	24.0
			Rc 2	24.0

External thread connection

G, NPT or Rc
 in stainless steel (316L - 1.4404),
 brass (CuZn39Pb2),
 PVC (only DN6 and DN8)
 or PVDF (only DN8)

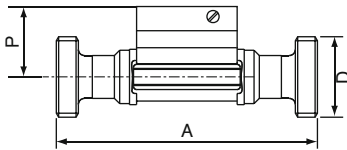


DN	P	A	D		L
[mm]	[mm]	[mm]	[inch]	[mm]	[mm]
06	29.5	90.0	G 1/2	-	14.0
08	29.5	90.0	** 1/2	M 16 x 1.5	14.0
15	34.5	84.0	G 3/4	-	11.5
20	32.0	94.0	G 1	-	13.5
25	32.2	104.0	G 1 1/4	-	14.0
32	35.8	119.0	G 1 1/2	-	18.0
40	39.6	129.0	-	M 55 x 2	19.0
50	45.7	148.5	-	M 64 x 2	20.0

** G, NPT, RC according to sensor-fitting version

External thread connection

SMS 1145,
 in stainless steel (316L - 1.4404)

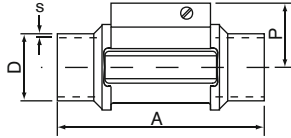


DN	P	A	D
[mm]	[mm]	[mm]	
25	32.0	130	Rd 40 x 1/6"
40	35.8	164	Rd 60 x 1/6"
50	39.6	173	Rd 70 x 1/6"

INLINE sensor-fitting dimensions

Weld end connection

EN ISO 1127/ISO 4200/DIN 11866 series B,
SMS 3008,
BS 4825-1/ASME BPE/DIN 11866 series C or
DIN 11850 series 2/DIN 11866 series A/
DIN EN 10357 series A
in stainless steel (316L - 1.4404)



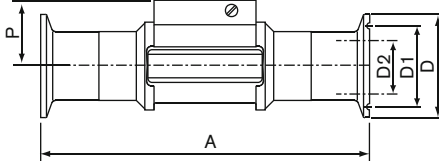
DN	P	A	Standard	D	s
[mm]	[mm]	[mm]		[mm]	[mm]
08	-	-	EN ISO 1127/ISO 4200/DIN 11866 series B	-	-
	-	-	SMS 3008	-	-
	-	-	ASME BPE/DIN 11866 series C	-	-
	29.5	96.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	13.00	1.50
15	34.5	84.0	EN ISO 1127/ISO 4200/DIN 11866 series B	21.30	1.60
	-	-	SMS 3008	-	-
	-	-	ASME BPE/DIN 11866 series C	-	-
	34.5	84.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	19.0	1.50
20	32.0	94.0	EN ISO 1127/ISO 4200/DIN 11866 series B	26.9	1.60
	-	-	SMS 3008	-	-
	34.5	84.0	ASME BPE/DIN 11866 series C	19.05	1.65
	34.5	84.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	23.00	1.50
25	32.2	104.0	EN ISO 1127/ISO 4200/DIN 11866 series B	33.70	2.00
	32.0	94.0	SMS 3008	25.00	1.20
	32.0	94.0	BS 4825-1/ASME BPE/DIN 11866 series C	25.40	1.65
	32.0	94.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	29.00	1.50
32	35.8	119.0	EN ISO 1127/ISO 4200/DIN 11866 series B	42.40	2.00
	-	-	SMS 3008	-	-
	32.2	104.0	BS 4825-1/ASME BPE/DIN 11866 series C	32.00	1.65
	32.2	104.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	35.00	1.50
40	39.6	129.0	EN ISO 1127/ISO 4200/DIN 11866 series B	48.30	2.00
	35.8	119.0	SMS 3008	38.00	1.20
	35.8	119.0	BS 4825-1/ASME BPE/DIN 11866 series C	38.10	1.65
	35.8	119.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	41.00	1.50
50	45.7	148.5	EN ISO 1127/ISO 4200/DIN 11866 series B	60.30	2.60
	39.6	128.0	SMS 3008	51.00	1.20
	39.6	128.0	BS 4825-1/ASME BPE/DIN 11866 series C	50.80	1.65
	39.6	128.0	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	53.00	1.50
65	-	-	EN ISO 1127/ISO 4200/DIN 11866 series B	-	-
	45.7	147.0	SMS 3008	63.50	1.60
	45.7	147.0	BS 4825-1/ASME BPE/DIN 11866 series C	63.50	1.65
	-	-	DIN 11850 series 2/DIN 11866 series A/ DIN EN 10357 series A	-	-

INLINE sensor-fitting dimensions

Clamp connection

DIN 32676 series B,
SMS 3017*,
BS 4825-3/ASME BPE* or
DIN 32676 series A
in stainless steel (316L - 1.4404)

* Available with internal surface finish Ra = 0.8 µm

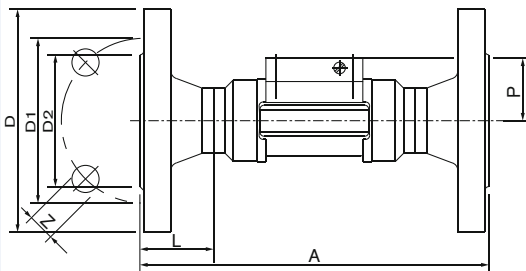


DN	P	A	Standard	D2	D1	D
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]
08	-	-	DIN 32676 series B ¹⁾	-	-	-
	-	-	SMS 3017	-	-	-
	-	-	ASME BPE	-	-	-
	29.5	125	DIN 32676 series A	10.00	27.5	34.0
15	34.5	130	DIN 32676 series B ¹⁾	18.10	27.5	34.0
	-	-	SMS 3017	-	-	-
	-	-	ASME BPE	-	-	-
	29.5	119	DIN 32676 series A	16.00	27.5	34.0
20	32.0	150	DIN 32676 series B	23.70	43.5	50.5
	-	-	SMS 3017	-	-	-
	34.5	119	ASME BPE	15.75	19.6	25.0
	34.5	119	DIN 32676 series A	20.00	27.5	34.0
25	32.2	160	DIN 32676 series B	29.70	43.5	50.5
	32.0	129	SMS 3017	22.60	43.5	50.5
	32.0	129	BS 4825-3/ASME BPE	22.10	43.5	50.5
	32.0	136	DIN 32676 series A	26.00	43.5	50.5
32	35.8	180	DIN 32676 series B	38.40	43.5	50.5
	-	-	SMS 3017	-	-	-
	-	-	BS 4825-3/ASME BPE	-	-	-
	-	-	DIN 32676 series A	-	-	-
40	39.6	200	DIN 32676 series B	44.30	56.5	64.0
	35.8	161	SMS 3017	35.60	43.5	50.5
	35.8	161	BS 4825-3/ASME BPE	34.80	43.5	50.5
	35.8	161	DIN 32676 series A	38.00	43.5	50.5
50	45.7	230	DIN 32676 series B	55.10	70.5	77.5
	39.6	192	SMS 3017	48.60	56.5	64.0
	39.6	192	BS 4825-3/ASME BPE	47.50	56.5	64.0
	39.6	170	DIN 32676 series A	50.00	56.5	64.0
65	-	-	DIN 32676 series B	-	-	-
	45.7	216	SMS 3017	60.30	70.5	77.5
	45.7	216	BS 4825-3/ASME BPE	60.20	70.5	77.5
	-	-	DIN 32676 series A	-	-	-

¹⁾ similar to DIN 32676 series B but with clamp 34.0

Flange connection

EN1092-1/B1/PN16, ANSI B16-5 or JIS 10 K
in stainless steel (316L - 1.4404)

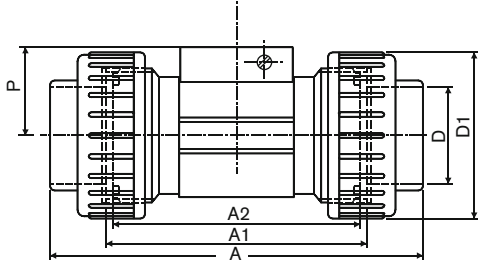


DN	P	A	Standard	L	Z	D2	D1	D				
[mm]	[mm]	[mm]		[mm]	[mm]	[mm]	[mm]	[mm]				
15	34.5	130	EN	23.5	4 x 14.0	45.0	65.0	95.0				
			ANSI						4 x 15.8	34.9	60.3	89.0
			JIS						4 x 15.0	51.0	70.0	95.0
20	32.0	150	EN	28.5	4 x 14.0	58.0	75.0	105.0				
			ANSI						4 x 15.8	42.9	69.8	99.0
			JIS						4 x 15.0	56.0	75.0	100.0
25	32.2	160	EN	28.5	4 x 14.0	68.0	85.0	115.0				
			ANSI						4 x 15.8	50.8	79.4	108.0
			JIS						4 x 19.0	67.0	90.0	125.0
32	35.8	180	EN	31.0	4 x 18.0	78.0	100.0	140.0				
			ANSI						4 x 15.8	63.5	88.9	117.0
			JIS						4 x 19.0	76.0	100.0	135.0
40	39.6	200	EN	36.0	4 x 18.0	88.0	110.0	150.0				
			ANSI						4 x 15.8	73.0	98.4	127.0
			JIS						4 x 19.0	81.0	105.0	140.0
50	45.7	230	EN	41.0	4 x 18.0	102.0	125.0	165.0				
			ANSI						4 x 19.0	92.1	120.6	152.0
			JIS						4 x 19.0	96.0	120.0	155.0

INLINE sensor-fitting dimensions

True union connection

DIN 8063, ASTM D 1785/76 or JIS K in PVC,
DIN 16962 in PP or
ISO 10931 in PVDF

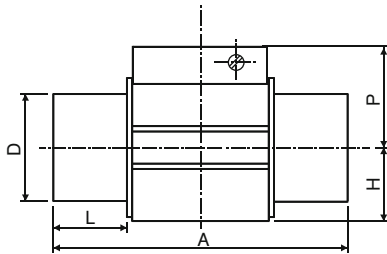


DN [mm]	P [mm]	A [mm]	Standard	A1 [mm]	A2 [mm]	D [mm]	D1 [mm]
08*	29.5	122.0 - -	DIN/ISO ASTM JIS	92 - -	90 - -	12.00 - -	- - -
15	34.5	128.0 130.0 129.0	DIN/ISO ASTM JIS	96	90	20.00 21.30 18.40	43
20	32.0	144.0 145.6 145.0	DIN/ISO ASTM JIS	106	100	25.00 26.70 26.45	53
25	32.2	160.0 161.4 161.0	DIN/ISO ASTM JIS	116	110	32.00 33.40 32.55	60
32	35.8	168.0 170.0 169.0	DIN/ISO ASTM JIS	116	110	40.00 42.20 38.60	74
40	39.6	188.0 190.2 190.0	DIN/ISO ASTM JIS	127	120	50.00 48.30 48.70	83
50	45.7	212.0 213.6 213.0	DIN/ISO ASTM JIS	136	130	63.00 60.30 60.80	103

* Only available in PVC

Spigot connection

DIN 8063 in PVC
DIN 16962 in PP or
ISO 10931 in PVDF



DN [mm]	P [mm]	A [mm]	Standard	L [mm]	D [mm]	H [mm]
15	34.5	90 85 85	DIN 8063 DIN 16962 ISO 10931	16.5 14.0 14.0	20	17.5
20	32.0	100 92 92	DIN 8063 DIN 16962 ISO 10931	20.0 16.0 16.0	25	17.5
25	32.2	110 95 95	DIN 8063 DIN 16962 ISO 10931	23.0 18.0 18.0	32	21.5
32	35.8	110 100 100	DIN 8063 DIN 16962 ISO 10931	27.5 20.0 20.0	40	27.5
40	39.6	120 106 106	DIN 8063 DIN 16962 ISO 10931	30.0 23.0 23.0	50	31.5
50	45.7	130 110 110	DIN 8063 DIN 16962 ISO 10931	37.0 27.0 27.0	63	39.5

Ordering chart for sensor-fitting S030

Port connection	Seal	Standard	Item no.									
			DN06*-1/4"	DN06*-1/2"	DN08*-1/2"	DN15	DN20	DN25	DN32	DN40	DN50	DN 65
Brass - with PVDF paddle wheel - Medium temperature max. 100°C, PN16												
Internal thread	FKM	G	-	-	-	423 980	423 981	423 982	423 983	423 984	423 985	-
		NPT	-	-	-	423 986	423 987	423 988	423 989	423 990	423 991	-
		Rc	-	-	-	423 992	423 993	423 994	423 995	423 996	423 997	-
External thread	FKM	G	552 557	552 527	444 023	423 998	423 999	424 000	424 001	424 002	424 003	-
		NPT	-	-	449 182	-	-	-	-	-	-	-
		Rc	-	-	448 668	-	-	-	-	-	-	-
Metric	FKM		-	-	16x1.5mm 552 526	-	-	-	-	-	-	
Stainless steel - with PVDF paddle wheel - Medium temperature max. 100°C, PN16												
Internal thread	FKM	G	-	-	-	424 004	424 005	424 006	424 007	424 008	424 009	-
		NPT	-	-	-	424 010	424 011	424 012	424 013	424 014	424 015	-
		Rc	-	-	-	424 016	424 017	424 018	424 019	424 020	424 021	-
External thread	FKM	G	552 733	552 559	444 029	424 022	424 023	424 024	424 025	424 026	424 027	-
		NPT	-	-	449 050	-	-	-	-	-	-	-
		Rc	-	-	448 669	-	-	-	-	-	-	-
	EPDM	SMS 1145	-	-	-	-	-	443 306	-	443 307	443 308	-
Weld end	FKM	EN ISO 1127/ISO 4200/ DIN 11866 series B	-	-	552 845 ¹⁾	424 028	424 029	424 030	424 031	424 032	424 033	-
		SMS 3008	-	-	-	-	-	443 298	-	443 299	443 300	443 374 ⁴⁾
		BS 4825-1/ASME BPE/ DIN 11866 series C	-	-	-	-	443 369 ³⁾	443 370	443 371	443 372	443 373	443 374
	EPDM	DIN 11850 series 2/ DIN 11866 series A/ DIN EN 10357 series A	-	-	551 788	551 789	551 790	551 791	-	551 792	551 793	-
Clamp	FKM	DIN 32676 series B	-	-	-	424 034 ²⁾	424 035	424 036	424 037	424 038	424 039	-
		SMS 3017	-	-	-	-	-	443 302	-	443 303	443 304	443 399 ⁴⁾
		SMS 3017**	-	-	-	-	-	443 387	-	443 388	443 389	443 720 ⁴⁾
	EPDM	BS 4825-3/ASME BPE	-	-	-	-	443 395 ³⁾	443 396	-	443 397	443 398	443 399
		BS 4825-3/ASME BPE**	-	-	-	-	443 400	443 717	-	443 718	443 719	443 720
		DIN 32676 series A	-	-	551 794 ²⁾	551 795 ²⁾	551 796	551 797	-	551 798	551 799	-
Flange	FKM	EN 1092-1/B1/PN16	-	-	-	424 040	424 041	424 042	424 043	424 044	424 045	-
		ANSI B16-5	-	-	-	424 046	424 047	424 048	424 049	424 050	424 051	-
		JIS 10K	-	-	-	430 108	430 109	430 110	430 111	430 112	430 113	-
Stainless steel - with PVDF paddle wheel - Medium temperature max. 100°C, PN40												
Internal thread	FKM	G	-	-	-	427 138	425 737	425 729	427 152	427 153	427 154	-

* external thread

** internal surface finish Ra = 0.8 µm

¹⁾ EPDM seal²⁾ Refer to Clamp with D dimensions of 34 mm (see dimension table on page 6)³⁾ DN20 only available in ASME BPE⁴⁾ Please refer to ASME BPE

Ordering chart for sensor-fitting S030

Port connection	Seal	Standard	Item no.									
			DN06*-1/4"	DN06*-1/2"	DN08*-1/2"	DN15	DN20	DN25	DN32	DN40	DN50	DN 65
PVC - with PVDF paddle wheel - Medium temperature max. 50°C, PN10												
True union**	FKM	DIN 8063	-	-	444 022	423 938	423 939	423 940	423 941	423 942	423 943	-
		ASTM D 1785/76	-	-	-	423 950	423 951	423 952	423 953	423 954	423 955	-
		JIS K	-	-	-	429 072	429 073	429 074	429 075	429 076	429 077	-
Spigot	FKM	DIN 8063	-	-	-	423 944	423 945	423 946	423 947	423 948	423 949	-
Extern. thr.	FKM	G	-	552 560	444 025	-	-	-	-	-	-	-
True union**	FKM		-	-	-	430 734	430 735	430 736	430 737	430 738	430 739	-
without spigot	EPDM		-	-	-	430 740	430 741	430 742	430 743	430 744	430 745	-
PP - with PVDF paddle wheel - Medium temperature max. 80°C, PN10												
True union**	FKM	DIN 16962	-	-	-	423 956	423 957	423 958	423 959	423 960	423 961	-
Spigot	FKM	DIN 16962	-	-	-	423 962	423 963	423 964	423 965	423 966	423 967	-
PVDF - with PVDF paddle wheel - Medium temperature max. 100°C, PN10												
True union**	FKM	ISO 10931	-	-	-	423 968	423 969	423 970	423 971	423 972	423 973	-
Spigot	FKM	ISO 10931	-	-	-	423 974	423 975	423 976	423 977	423 978	423 979	-
Extern. thr.	FKM	ISO 10931	-	-	444 028	-	-	-	-	-	-	-

* external thread

** with spigot and nut

Ordering chart accessories/spare parts (other versions on request)

O-ring set for plastic sensor-fitting

O-ring set for metal sensor-fitting

** depending on sensor holder version :
 - flat seal to use for holder with groove (old version)
 - O-Ring to use for holder with lug (new version and "v2")

! Two versions of the S030 in DN15 and DN20 exist, having different K factors.

Only version 2, identified by the "v2" marking, is available from March 2012. The "v2" marking can be found:

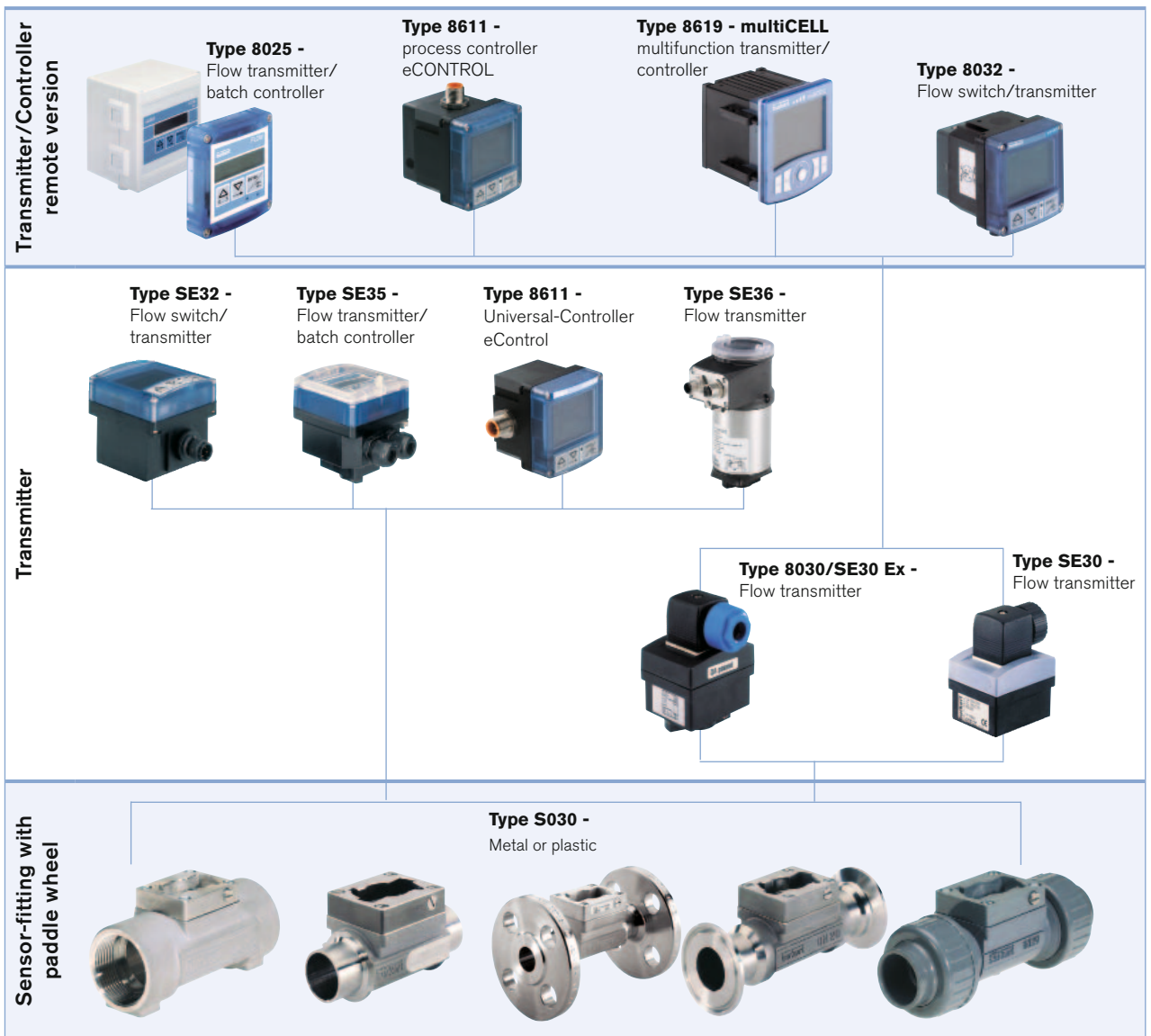
- on the bottom of the DN15 or DN20 sensor-fitting in plastic:
- on the side of the DN15 or DN20 sensor-fitting in metal:

Description	Item no.
Sensor holder	
Stainless steel with paddle wheel (PVDF), seal (FKM), screws and certificate for DN06, DN08, DN15 v2 and DN20 v2	448 678
Stainless steel with paddle wheel (PVDF), seal (FKM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 306
Stainless steel with paddle wheel (PVDF), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 305
Stainless steel with paddle wheel (PVDF), seal (EPDM), screws and certificate, Ra int. = 0.8 µm for DN15 (except DN15 v2 and DN20 v2)...DN65	434 149
Stainless steel with paddle wheel (PP), seal (EPDM), screws and certificate for DN06, DN08, DN15 v2 and DN20 v2	554 896
Stainless steel with paddle wheel (PP), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	449 425
Brass with paddle wheel (PVDF), seal (FKM), screws and certificate for DN06, DN08, DN15 v2 and DN20 v2	448 677
Brass with paddle wheel (PVDF), seal (FKM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 304
Brass with paddle wheel (PVDF), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 303
Brass with paddle wheel (PP), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	449 866
PVC with paddle wheel (PVDF), seal (FKM), screws and certificate for DN06, DN08, DN15 v2 and DN20 v2	448 674
PVC with paddle wheel (PVDF), seal (FKM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 298
PVC with paddle wheel (PVDF), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 297
PVC with paddle wheel (PP), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	443 982
PP with paddle wheel (PVDF), seal (FKM), screws and certificate for DN15...DN65	432 300
PP with paddle wheel (PVDF), seal (EPDM), screws and certificate for DN15...DN65	432 299
PP with paddle wheel (PP), seal (FKM), screws and certificate for DN15...DN65	552 881
PP with paddle wheel (PP), seal (EPDM), screws and certificate for DN15...DN65	443 983
PVDF with paddle wheel (PVDF), seal (FKM), screws and certificate for DN06, DN08, DN15 v2 and DN20 v2	448 676
PVDF with paddle wheel (PVDF), seal (FKM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 302
PVDF with paddle wheel (PVDF), seal (EPDM), screws and certificate for DN15 (except DN15 v2 and DN20 v2)...DN65	432 301
O-ring set	
FKM - for metal sensor-fitting, DN06...DN65	426 340
EPDM - for metal sensor-fitting, DN06...DN65	426 341
FKM - for plastic sensor-fitting, DN08	448 679
FKM - for plastic sensor-fitting, DN15	431 555
FKM - for plastic sensor-fitting, DN20	431 556
FKM - for plastic sensor-fitting, DN25	431 557
FKM - for plastic sensor-fitting, DN32	431 558
FKM - for plastic sensor-fitting, DN40	431 559
FKM - for plastic sensor-fitting, DN50	431 560
EPDM - for plastic sensor-fitting, DN08	448 680
EPDM - for plastic sensor-fitting, DN15	431 561
EPDM - for plastic sensor-fitting, DN20	431 562
EPDM - for plastic sensor-fitting, DN25	431 563
EPDM - for plastic sensor-fitting, DN32	431 564
EPDM - for plastic sensor-fitting, DN40	431 565
EPDM - for plastic sensor-fitting, DN50	431 566

Ordering chart accessories/spare parts (other versions on request)

Description	Item no.
Approvals/Certificates	
Inspection certificate 3.1 (acc. to EN-ISO 10204)	803 723
Test report 2.2 (acc. to EN-ISO 10204)	803 722
Certification of Conformity for the surface Quality (DIN4762-DIN4768-ISO/4287/1)	804 175
3 points Flow calibration certificate (S020 combined with the flow device inserted, only for DN ≤ 200)	550 676
FDA approval	803 724

Interconnection possibilities with the S030



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In case of special application conditions, please consult for advice.

Subject to alteration.
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