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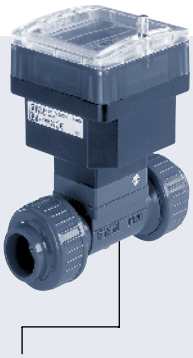
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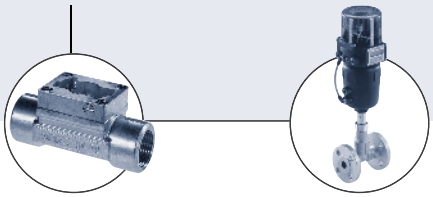
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INLINE Flow Transmitter/ Batching Unit



Type 8035 can be combined with...



Fitting Type S030
Stainless steel/brass

Type 2712
Globe control valve

- 5/16” to 2” (8 to 50 mm) orifice
- Flow measurement for liquids with low solid content
- Flow indication including 2 totalizers
- Available as compact version, or for control cabinet or remote mounting
- Batching unit with 3 different dosing modes (local, binary input, time proportional)
- Approvals:

The complete Type 8035 INLINE transmitter consists of a compact body with an integrated paddle wheel (Type SO30) and an electronics module (Type SE35). The paddle wheel is set into motion by the medium flow, and generates a flow-proportional frequency signal in the transducer, which is converted into various output signals in the transmitter electronics The transmitter provides standard or pulsed output signals that are proportional to the flow. In addition, the transmitter is fitted with a flow indicator, 2 totalisators (main and daily count) for measuring quantities and 2 adjustable switching relays. In a variant with 2 limit value relays, the transmitter becomes a flow switch. A battery-driven unit can be used for the effective display of the totalisers and the flow. The batching unit is equipped with 2 totalisers, 2 relays and 3 dosing modes (via keyboard, via the binary inputs, pulse-width modulated via a PLC). The convenient, multi-language operating menu contains special functions such as Teach-in for the K-factor correction, flow simulation for the “dry process test” and so on. The Type 8035 is suitable for use with neutral and aggressive liquids.

Technical data	
Measurement range	From 0.26 gpm (1 l/min)
Flow velocity	1.0 to 32.8 ft/s (0.3 to 10 m/s)
Errors in measurement [%] (see chart)	≤ ±(0.5% o.F.S. +2.5% o.R.) for water 68°F (+20°C) and o.F.S. = 32.8 ft/s (10 m/s)
Repeatability	0.4% o.R.
Protection class	IP 65 with cable plug
Relative humidity (RH)	≤ 80%, non condensated
Media temperature	(see also Pressure-temperature chart)
with PVC/PP	32°F to 122/176°F (0°C to +50/+80 °C)
with PVDF, Ms, VA	32°F to 212°F (0°C to +100°C)
Ambient temperature	32°F to 140°F (0°C to +60°C)
Storage temperature	32°F to 140°F (0°C to +60°C)
Max. fluid pressure	
with plastic fitting	140 PSI (PN 10) (see also Pressure-temp chart)
with metal fitting	230 PSI (PN 16)
Wetted materials	
Plastic body	PVC, PP, PVDF
Metal body	Stainless steel 316L/1.4404 or brass
Paddle wheel	PVDF
Axle and bearings	Ceramic
O-ring	FKM (EPDM optional)
Other materials	
Electronics housing	PC
Front plate foil	Polyester
Orifice	5/16” - 2” (DN 8 - DN 50)

Unit variants Flow transmitter	
Operating voltage	12 to 30 V DC, 230 V AC
Output signal	4 - 20 mA
Load	Max. 900 Ω at 30 V, max. 500 Ω at 24 V Max. 100 Ω at 15 V, max. 800 Ω at 230 V AC
Pulse output	Open-Collector NPN or PNP 0 to 30 V, 100 mA protected
Impulse length	100 ms
Reed relay pulse output	Max. 34 V, 0,2 A, switching frequency max. 5 Hz
Relay output	2 N/O contacts, 3 A, 230 V, effective load
Flow switch	
Operating voltage	12 to 30 V DC, 230 V AC
Relay output	2 N/O contacts, adjustable, voltage-free
Batching unit with 3 dosing modes	
Operating voltage	12 to 30 V DC, 230 V AC
4 digital inputs Functions	5 to 30 V DC Batching quantity choice, start-stop dosing
Digital output	Open-Collector NPN or PNP, 0 up to 30 V, 100 mA protected, for status display and alarm messages
Relay output	2 N/O contacts, voltage-free, 3 A, 230 V, effective load
Battery model	
Operating voltage	9 V DC, battery

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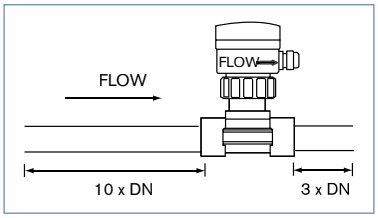
bürkert
Fluid Control Systems

Measuring principle and installation

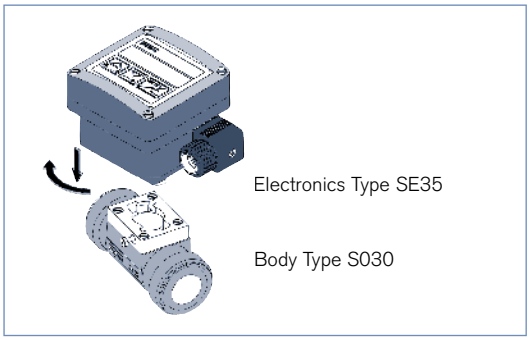
The sensor part consists of a transducer and an open cell paddle–wheel. When liquid flows through the pipe, the paddle–wheel is set in rotation producing a measuring signal in the transducer. The frequency and amplitude are proportional to the flow.

The minimum straight upstream (10 x DN) and downstream (3 x DN) must be observed. According to pipe's design, necesary distances can be bigger or use a flow conditioner to obtain the best accuracy. For more information, please refer to EN ISO 5167–1.

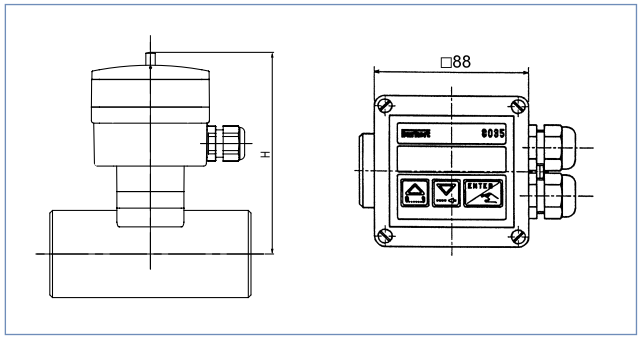
The fitting can be installed in either horizontal or vertical pipes. Pressure and temperature ratings must be respected according to the selected fitting material (see pressure/temperature chart). The suitable fitting size is selected using the diagrams of selection.



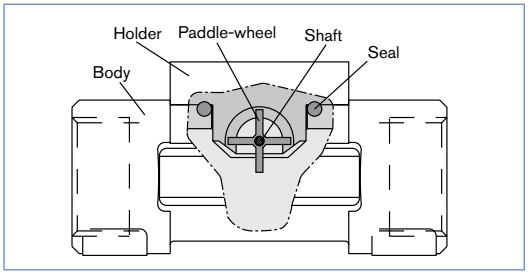
Mounting with Bayonet connector



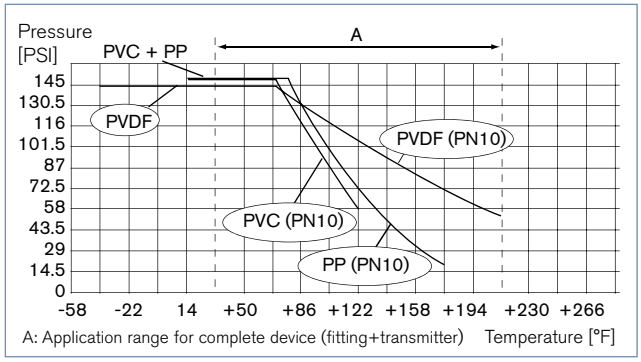
Dimensions [mm] see ordering chart for fittings



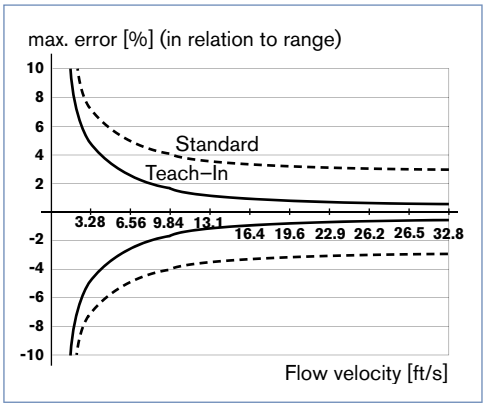
Conception



Pressure-temperature chart for plastic fittings with INLINE sensors



Errors–in–measurement chart



Presentation of max. errors in measurement in %
Standard: ≤ ±(0.5% o.F.S. +2.5% o.R.)
Teach-In: ≤ ±0.5% o.F.S.
o.F.S. = of Full Scale (32.8 ft/s)
o.R. = of Reading

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Ordering charts

Ordering chart for Type SE35 transmitter electronics (other versions on request)			
Model	**Voltage/ frequency**	**Electrical connection**	**Item no.**
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers	12-30 V DC	DIN 43650 PG9 cable plug	423 915 F
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers (UR/CSA approved)	12-30 V DC	DIN 43650 PG9 cable plug	553 432 M
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers	12-30 V DC	1x PG 13.5 cable gland entry	423 916 G
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers, 2 relays	12-30 V DC	2x PG 13.5 cable gland entry	423 918 J
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers, 2 relays (UR/CSA approved)	12-30 V DC	2x PG 13.5 cable gland entry	553 433 N
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers	115-230 V AC	2x PG 13.5 cable gland entry	423 922 E
Flow transmitter with 4 to 20 mA, pulsed output, 2 totalizers, 2 relays	115-230 V AC	2x PG 13.5 cable gland entry	423 924 G
Flow switch with 2 relays	12-30 V DC	2x PG 13.5 cable gland entry	423 917 H
Flow switch with 2 relays	115-230 V AC	2x PG 13.5 cable gland entry	423 923 F
Battery unit with 2 totalizers, 1 flow	9 V DC batteries	–	423 921 D
Batching unit with 2 totalizers, 1 flow, 2 relays	12-30 V DC	2x PG 13.5 cable gland entry	423 920 Q
Batching unit with 2 totalizers, 1 flow, 2 relays	115-230 V AC	2x PG 13.5 cable gland entry	423 926 A

Note regarding the ordering of a complete transmitter:
A transmitter consists of the Type S030 compact body and the Type SE35 transmitter electronics.
Please order the respective compact body and the transmitter electronics separately!

Attention!
No liability will be accepted for design errors.
Please contact our Burkert engineers as early as possible in the planning phase.

A Compact Flow Transmitter System 8035 consists of two basic components:
- Fitting Type S030 which houses the inline rotor
- Electronic Transmitter, compact version Type SE35

Selection Example: A flow Transmitter System for 1" PVC pipe:
- Fitting Type S030 (true union with solvent spigot) 423 952 L
- Electronic Transmitter Type SE35 (4-20mA, pulse output, 2 relays, 12 to 30 VDC) 423 930 J

Fittings S030 - ordering chart - BRASS, INLINE "Turn & Lock"

	Item no.							
Specification	1/2" (DN6) [2]	1/2" (DN8) [2]	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
G-port connection (internal thread) [1]	430 328 D	433 866 Q	423 980 M	423 981 A	423 982 B	423 983 C	423 984 D	423 985 E
NPT-port connection (internal thread)		449 182 T	423 986 F	423 987 G	423 988 R	423 989 J	423 990 P	423 991 C

1) Metric thread

2) Reduced orifice

Has to be ordered seperately

Fittings S030 - ordering chart - PLASTIC, INLINE "Turn & Lock"

	Item no.					
Specification	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
PVC True Union with solvent spigot (ASTM version)	423 950 W	423 951 K	423 952 L	423 953 M	423 954 N	423 955 P
PP True Union with fusion spigot (ISO version, metric pipe)	423 956 Q	423 957 R	423 958 S	423 959 T	423 960 Y	423 961 M
PVDF True Union with fusion spigot (ISO version, metric pipe)	423 968 U	423 969 V	423 970 S	423 971 P	423 972 Q	423 973 R

Has to be ordered seperately

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Fittings S030 - ordering chart - STAINLESS STEEL, INLINE “Turn & Lock”

	Item no.								
Specification	1/2” (DN6) [2]	1/2” (DN8) [2, 3]	1/2”	3/4”	1”	1-1/4”	1-1/2”	2”	2-1/2”
G-port connection (internal thread) [1]			424 004 K	424 005 L	424 006 M	424 007 N	424 008 X	424 009 Y	
NPT-port connection (internal thread	on request	449 050 M	424 010 L	424 011 H	424 012 A	424 013 B	424 014 C	424 015 D	
Flange-port connection (ANSI B16-6-1988)			424 046 L	424 047 M	424 048 W	424 049 X	424 050 U	424 051 R	
U.S. Tri-Clamp connection				443 395 S	443 396 T		443 397 U	443 398 D	443 399 E
U.S. Buttweld connection				443 369 P	443 370 L	443 371 H	443 372 A	443 373 B	443 374 C

1) Metric thread

2) Reduced orifice

3) Male external thread

Has to be ordered seperately

Ordering chart for accessories

Ordering chart for accessories	
Accessories	**Item no.**
1/2” NPT conduit ring for converting cable DIN plug	014132F
1/2” NPT conduit kit for converting cable gland entry	551782S

Ordering chart panel and wall-mount versions Type 8035

A Flow Transmitter System, Remote Mount, consists of three basic components:
- Seperate Transmitter Electronic Type 8025 in panel or wall-mount version
- Flow Sensor Electronic Type SE30
- Fitting Type S030 which houses the inline rotor

Selection Example:

- Sep. Electronic Transmitter Type 8025 (wall, 4-20mA, pulse output, 2 totalizers, 2 relays, 12 to 30 VDC)	418 396 S
- Fitting Type S030 (PVC, True union with solvent spigot, 1 inch)	423 952 L
- Electronic Sensor Type SE30 (hall sensor “low power”)	423 914 E

Panel version			
Specifications	**Power Supply**	**Electrical connection**	**Item no.**
Flow transmitter with 4-20mA, pulse output, 2 totalizers	12-30 VDC	None	418 992 Q
Flow transmitter with 4-20mA, pulse output, 2 totalizers, 2 relays	12-30 VDC	None	418 994 J
Flow transmitter with 4-20mA, pulse output on relay reed, 2 totalizers	12-30 VDC	None	418 395 Z
Flow switch with 2 relays	12-30 VDC	None	425 492 A
Batch controller with 2 totalizers, 1 flow, 2 relays	12-30 VDC	None	419 536 P

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Ordering chart panel and wall-mount versions Type 8035 (continued)

Wall-mount version

Specifications	Power Supply	Electrical connection	Item no.
Flow transmitter with 4-20mA, pulse output, 2 totalizers	12-30 VDC	3x PG 9	418 397 T
Flow transmitter with 4-20mA, pulse output, 2 totalizers, 2 relays	12-30 VDC	3x PG 9	418 396 S
Flow transmitter with 4-20mA, pulse output on relay reed, 2 totalizers	12-30 VDC	3x PG 9	418 398 C
Flow switch with 2 relays	12-30 VDC	3x PG 9	425 493 B
Batch controller with 2 totalizers, 1 flow, 2 relays	12-30 VDC	3x PG 9	433 740 D
Stand alone with 2 totalizers, 1 flow	9 VDC batteries	1x PG 9	418 402 Z
Flow transmitter with 4-20mA, pulse output, 2 totalizers	115-230 VAC	3x PG 9	418 400 B
Flow transmitter with 4-20mA, pulse output, 2 totalizers, 2 relays	115-230 VAC	3x PG9	418 399 D
Flow transmitter with 4-20mA, pulse output on relay reed, 2 totalizers	115-230 VAC	3x PG 9	418 401 Y
Flow switch with 2 relalys	115-230 VAC	3x PG 9	425 494 C
Batch controller with 2 totalizers, 1 flow, 2 relays	115-230 VAC	3x PG 9	433 741 S

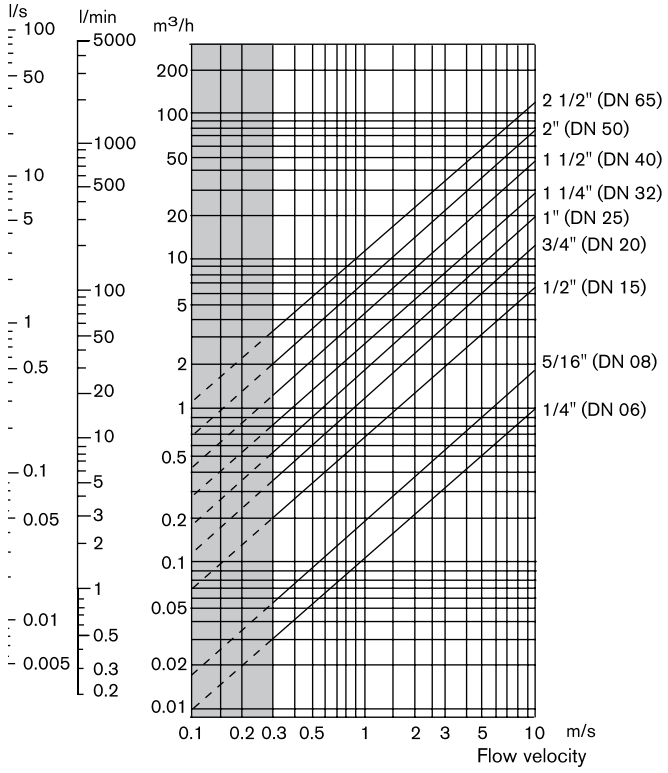
Sensor electronic for Type SE30 remote mount version of 8025

Specifications	Power Supply	Electrical connection	Item no.
Coil sensor (only connectable to Type 8025 wall-mount version with batteries)	None	DIN 43650 PG 9	423 912 C
Hall sensor "low power" (only compatible with Type 8025, 8021, 8023 and 8034)	from 8025	DIN 43650 PG 9	423 914 E

Selection of fitting / pipe size

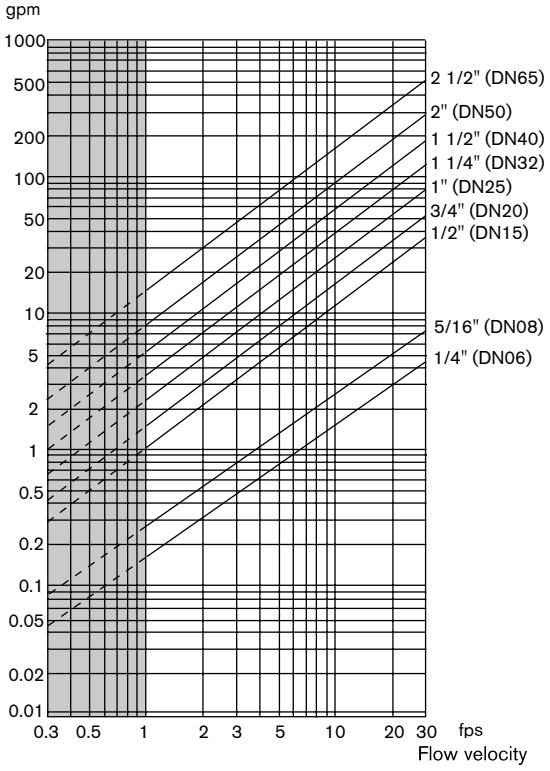
Example 1:

– Specification of nominal flow: 10 m3/h
– Ideal flow velocity: 2...3m/s
– For these specifications, the diagram indicates a pipe size of 1 1/2" (DN 40)



Example 2:

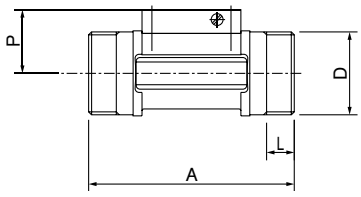
– Specification of nominal flow: 50 gpm
– Ideal flow velocity: 8 fps
– For these specifications, the diagram indicates a pipe size of 1 1/2" (DN 40)



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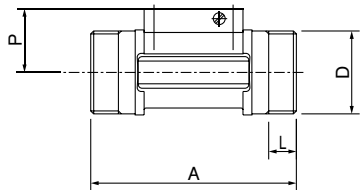
INLINE fitting dimensions [mm]

Internal thread **NPT**
Stainless steel (316L - 1,4404) **G**
or brass (CuZn39Pb2) **Rc**



Orifice DN [mm]	P [mm]	A [mm]	D [inch]		L [mm]
1/2“ (15)	34.5	85.0	NPT	1/2	17.0
			G	1/2	16.0
			Rc	1/2	15.0
3/4“ (20)	32.0	95.0	NPT	3/4	18.3
			G	3/4	17.0
			Rc	3/4	16.3
1“ (25)	32.2	105.0	NPT	1	18.0
			G	1	23.5
			Rc	1	18.0
1 1/4“ (32)	35.8	120.0	NPT	1 1/4	21.0
			G	1 1/4	23.5
			Rc	1 1/4	21.0
1 1/2“ (40)	39.6	130.0	NPT	1 1/2	20.0
			G	1 1/2	23.5
			Rc	1 1/2	19.0
2“ (50)	45.7	150.0	NPT	2	24.0
			G	2	27.5
			Rc	2	24.0

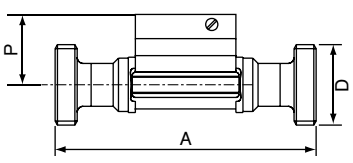
Externall thread **G**
Stainless steel (316L - 1,4404)
or brass (CuZn39Pb2)
or PVC (only DN6 and 8)
or PVDF (only DN 8)



Orifice DN [mm]	P [mm]	A [mm]	D [inch]	D [mm]	L [mm]
1/4“ (15)	29.5	90.0	1/4 or 1/2**	-	14.0
5/16 (8)	29.5	90.0	1/2**	M16 x 1.5	14.0
1/2“ (15)	34.5	84.0	G 3/4	-	11.5
3/4“ (20)	32.0	94.0	G 1	-	13.5
1“ (25)	32.2	104.0	G 1 1/4	-	14.0
1 1/4“ (32)	35.8	119.0	G 1 1/2	-	18.0
1 1/2“ (40)	39.6	129.0	-	M 55 x 2	19.0
2“ (50)	45.7	149.0	-	M 64 x 2	20.0

** NPT, G or RC according fitting version

Externall thread **SMS1145**
Stainless steel (316L - 1,4404)

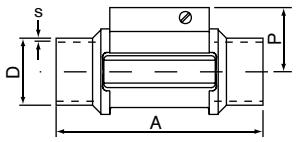


Orifice DN [mm]	P [mm]	A [mm]	D
25	32.0	130	Rd40 x 1/6“
40	35.8	164	Rd60 x 1/6“
50	39.6	173	Rd70 x 1/6“

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INLINE fitting dimensions [mm]

Welding ends **BS 4825 / ASME BPE**
Stainless steel (316L - 1,4404) **ISO 4200**
SMS 3008
DIN 11850 Rg2



Orifice DN [mm]	P [mm]	A	Standard [mm]	D [mm]	s
5/16“ (08)	29.5	90.0	ISO 4200 -	-	
			SMS 3008	-	-
			ASME BPE	-	-
			DIN 11850 Rg2	13.00	1.50
1/2“ (15)	34.5	84.0	ISO 4200 21.30	1.60	
			SMS 3008	-	-
			ASME BPE	-	-
			DIN 11850 Rg2	19.00	1.50
3/4“ (20)	32.0	94.0	ISO 4200 26.90	1.60	
	34.5	84.0	SMS 3008	20.00	1.00
			ASME BPE	19.05	1.65
			DIN 11850 Rg2	23.00	1.50
1“ (25)	32.2	104.0	ISO 4200 33.70	2.00	
	32.0	94.0	SMS 3008	25.00	1.20
			BS 4825/ASME BPE	25.40	1.65
			DIN 11850 Rg2	29.00	1.50
1 1/4“ (32)	35.8	119.0	ISO 4200 42.40	2.00	
	32.2	104.0	SMS 3008	-	-
			BS 4825/ASME BPE	32.00	1.60
			DIN 11850 RG2	35.00	1.50
1 1/2“ (40)	39.6	129.0	ISO 4200 48.30	2.00	
	35.8	119.0	SMS 3008	38.00	1.20
			BS 4825/ASME BPE	38.10	1.65
			DIN 11850 Rg2	41.00	1.50
2“ (50)	45.7	149.0	ISO 4200 60.30	2.00	
	39.6	128.0	SMS 3008	51.00	1.20
			BS 4820/ASME BPE	50.80	1.65
			DIN 11850 Rg2	53.00	1.50
2 1/2“ (65)	45.7	147.0	ISO 4200 -	-	
			SMS 3008	63.50	1.60
			BS 4825/ASME BPE	63.50	1.65
			DIN 11850 Rg2	-	-

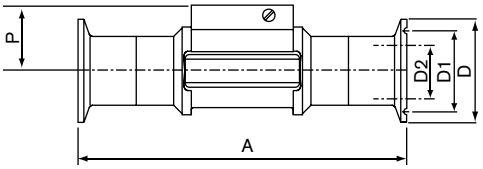
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INLINE fitting dimensions [mm]

Tri-Clamp®
Stainless steel (316L - 1,4404)

BS 4825 / ASME BPE*
ISO (for pipe ISO 4200)
SMS 3017 / ISO 2852*
DIN 32676

***Available with internal surface finish Ra=0.8µm**

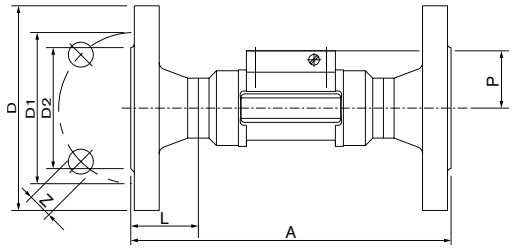


Orifice DN [mm]	P [mm]	A [mm]	Standard	D2 [mm]	D1 [mm]	D [mm]
5/16“ (08)	-	-	ISO (for pipe ISO 4200)	-	-	-
			SMS 3017/ISO 2852	-	-	-
			ASME BPE	-	-	-
			DIN 32676	10.00	27.5	34.0
1/2“ (15)	34.5	130.0	ISO (for pipe ISO 4200)	18.1	27.5	34.0
		-	SMS 3017/ISO 2852	-	-	-
			ASME BPE	-	-	-
			DIN 32676	16.00	27.5	34.0
3/4“ (20)	32.0	150.0	ISO (for pipe ISO 4200)	23.7	43.5	50.5
	34.5	-	SMS 3017/ISO 2852	-	-	-
			ASME BPE	15.75	-	25.0
			DIN 32676	22.00	27.5	34.0
1“ (25)	32.2	160.0	ISO (for pipe ISO 4200)	29.7	43.5	50.5
	32.0	129.0	SMS 3017/ISO 2852	22.6	43.5	50.5
			BS 4825/ASME BPE	22.1	43.5	50.5
			DIN 32676	26.0	43.5	50.5
1 1/4“ (32)	35.8	180.0	ISO (for pipe ISO 4200)	38.4	43.5	50.5
	-	-	SMS 3017/ISO 2852	-	-	-
			ASME BPE	-	-	-
			DIN 32676	-	-	-
1 1/2“ (40)	39.6	200.0	ISO (for pipe ISO 4200)	44.3	56.5	64.0
	35.8	161.0	SMS 3017/ISO 2852	35.6	43.5	50.5
			BS 4825/ASME BPE	34.8	43.5	50.5
			DIN 32676	38.0	43.5	50.5
2“ (50)	45.7	230.0	ISO (for pipe ISO 4200)	55.1	70.5	77.5
	39.6	192.0	SMS 3017/ISO 2852	48.6	56.5	64.0
			BS 4825/ASME BPE	47.5	56.5	64.0
			DIN 32676	50.0	56.5	64.0
2 1/2“ (65)	45.7	216.0	SMS 3017/ISO 2852	60.3	70.5	77.5
			BS 4825/ASME BPE	60.2	70.5	77.5
			DIN 32676	-	-	-

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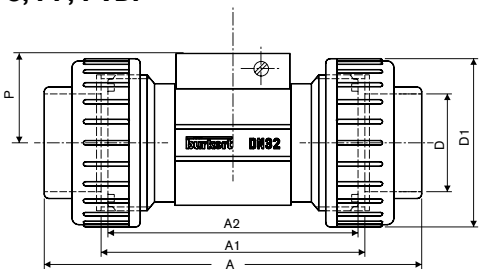
INLINE fitting dimensions [mm]

Flange **ANSI B16-5-1988**
Stainless steel (316L - 1,4404) **DIN 2633 (ISO PN16)**
JIS 10K



Orifice DN [mm]	P [mm]	A DIN/ANSI [mm]	A JIS [mm]	NORM	L [mm]	Z [mm]	D2 [mm]	D1 [mm]	D [mm]
1/2“ (15)	34.5	130.0	152.0	DIN	23.5	4x14.0	45.0	65.0	95.0
				ANSI		4x15.8	34.9	60.3	89.0
				JIS		4x15.0	51.0	70.0	95.0
3/4“ (20)	32.0	150.0	178.0	DIN	28.5	4x14.0	58.0	75.0	105.0
				ANSI		4x15.8	42.9	69.8	99.0
				JIS		4x15.0	56.0	75.0	100.0
1“ (25)	32.2	160.0	216.0	DIN	28.5	4x14.0	68.0	85.0	115.0
				ANSI		4x15.8	50.8	79.4	108.0
				JIS		4x19.0	67.0	90.0	125.0
1 1/4“ (32)	35.8	180.0	229.0	DIN	31.0	4x18.0	78.0	100.0	140.0
				ANSI		4x15.8	63.5	88.9	117.0
				JIS		4x19.0	76.0	135.0	135.0
1 1/2“ (40)	39.6	200.0	241.0	DIN	36.0	4x18.0	88.0	110.0	150.0
				ANSI		4x15.8	73.0	98.4	127.0
				JIS		4x19.0	81.0	105.0	140.0
2“ (50)	45.7	230.0	267.0	DIN	41.0	4x18.0	102.0	125.0	165.0
				ANSI		4x19.0	92.1	120.6	152.0
				JIS		4x19.0	96.0	120.0	155.0

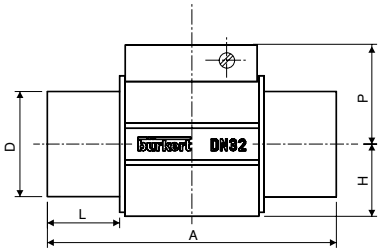
True union nut
with solvent or fusion spigot
PVC, PP, PVDF



Orifice ADN [mm]	P	D1	A DIN	A ANSI	A JIS	D [DIN]	D [ANSI]	D [JIS]	A2	A1
1/4“ (08)*	29.5		122	-	-	12	-	-	90	92
1/2“ (15)	34.5	43	128	130.0	129	20	21.3	18.40	90	96
3/4“ (20)	32.0	53	144	146.5	145	25	26.7	26.45	100	106
1“ (25)	32.2	60	160	161.4	161	32	33.4	32.55	110	116
1/4“ (32)	35.8	74	168	170.0	169	40	42.2	38.60	110	116
1 1/2“ (40)	39.6	83	188	190.2	190	50	48.3	48.70	120	127
2“ (50)	45.7	103	212	213.6	213	63	60.3	60.80	130	136

Solvent or fusion spigot

PVC, PP, PVDF



Orifice DN [mm]	D [mm]	H [mm]	A PVC [mm]	A PP PVDF [mm]	L PVC [mm]	L PP PVDF [mm]	P [mm]
15	20	17.5	90	85	16.5	14	34.5
20	25	17.5	100	92	20.0	16	32.0
25	32	21.5	110	95	23.0	18	32.2
32	40	27.5	110	100	27.5	20	35.8
40	50	31.5	120	106	30.0	23	39.6
50	63	39.5	130	110	37.0	27	45.7

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8035 system

PVC 4-20mA and flow transmitter with flow indicator/2 totalizers and 2 flow switches 1/2“-2“	
PVC body with Tru-Union ends, PVDF paddle, ceramic shaft and bearings. Max operating is 140 PSI and 122 °F. FKM is standard seal material. 1-33fps flow range capability.	**System part number below will include fitting & transmitter with two 3A SPST relays, Pulse output, 4-20mA output and 2 totalizers. Field flow simulation and field Calibration function. 24 VDC power required.**
1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 618 W
3/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 619 X
1” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 620 U
1 1/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 621 R
1 1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 622 J
2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 623 K

BRASS 4-20mA and flow transmitter with flow indicator/2 totalizers and 2 flow switches 1/2“-2“	
Brass body with NPT ends, PVDF paddle, ceramic shaft and bearings. Max operating is 230 PSI and 212 °F. FKM is standard seal material. 1-33fps flow range capability.	**System part number below will include fitting & transmitter with two 3A SPST relays, pulse output, 4-20mA output and 2 totalizers. Field flow simulation and field Calibration function. 24 VDC power required.**
1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 870 X
3/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 871 L
1” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 872 M
1 1/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 873 N
1 1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 874 P
2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 875 Q

PVDF 4-20mA and flow transmitter with flow indicator/2 totalizers and 2 flow switches 20mm to 63mm	
PVDF fluidic module with True-Union fusion spigot, PVDF paddle, ceramic shaft and bearings. Max operating is 140 PSI and 212 °F. FKM is standard seal material. 1-33fps flow range capability.	**System part number below will include fitting & transmitter with two 3A SPST relays, pulse output, 4-20mA output and 2 totalizers. Field flow simulation and field Calibration function. 24 VDC power required.**
20mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 762 W
25mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 763 X
32mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 764 Y
40mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 765 Z
50mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 766 S
63mm Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 767 T

STAINLESS STEEL 4-20mA and flow transmitter with flow indicator/2 totalizers and 2 flow switches 1/2“-2“	
STAINLESS STEEL fluidic module with NPT ends, PVDF paddle, ceramic shaft and bearings. Max operating is 230 PSI and 212 °F. FKM is standard seal material. 1-33fps flow range capability.	**System part number below will include fitting & transmitter with two 3A SPST relays, pulse output, 4-20mA output and 2 totalizers. Field flow simulation and field Calibration function. 24 VDC power required.**
1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 978 X
3/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 979 Y
1” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 980 N
1 1/4” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 981 B
1 1/2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 982 C
2” Flow indicator/transmitter/2 switches/totalizer/pulse	System part # 424 983 D

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