

Electromagnetic Flowmeter



- Sensor without moving parts
- Working as a flowmeter and/or as an On/Off controller
- Application adjusted calibration by Teach-In
- Clean in place (CIP)
- FDA approved material

Type 8041 can be combined with...



Type S020
INSERTION
T-fitting



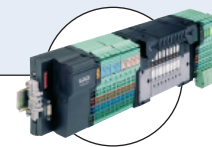
Type S020
Spigot



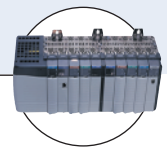
Type 8025
Universal transmitter/
batch controller (remote version)



Type 8802-GD
TopControl System



Type 8644
Valve islands with
electronic I/O



PLC

The electromagnetic flowmeter 8041 has been designed to measure flow rate of neutral and slightly aggressive fluids with a conductivity of more than 20 $\mu\text{S}/\text{cm}$ in DN06 to DN400 pipes.

It is fitted with a 4... 20 mA output, a pulse output and a relay output. The different parameters can be programmed by means of 5 switches, a push-button and a 10 LED bar-graph.

The flowmeter is a magmeter made up of an electronic module and a sensor which armature material is PVDF or stainless steel. It is available:

- with G2" connection for the version with a PVDF sensor
- with G2" or clamp connection for the version with a stainless steel sensor.

The version with a stainless steel sensor can be used in applications with higher pressures (PN16) and higher temperatures (150°C).

Technical data

General data

Compatibility

with fittings S020 (see corresp. datasheet)

Materials

Housing, cover, nut
PVDF sensor version
Stainless steel sensor version
Screws / Seal / Cable glands
Wetted parts materials
Sensor holder
Electrodes
Seals

PC (glass fibre reinforced for housing)
PPA (glass fibre reinforced)
Stainless steel / NBR / PA with neoprene seal

PVDF or Stainless steel 1.4404/316L
Stainless steel 1.4404/316L
G2" connection: FKM (FDA approved), [EPDM (KTW approved)]
Clamp connection: EPDM or FEP (to be ordered separately)
Stainless steel 1.4404/316L
PEEK (FDA approved)

Earth ring (PVDF sensor version)
Electrode holder (St. Steel sensor version)

Surface finishing quality

Ra < 0.8 μm (Clamp connection)

Electrical connections

2 cable glands M20 x 1.5

Recommended cable

0.5 to 1.5 mm² cross-section, shielded cable,
6... 12 mm diameter (if only one cable is used per cable gland) OR
4 mm diameter (if two cables are used per cable gland with using the supplied multi-way seal)

Environment

Ambient temperature

-10 to +60°C (14 to 140°F) (operating)
-20 to +60°C (-4 to 140°F) (storage)

Relative humidity

< 80%, without condensation

Height above sea level

Max. 2000 m

Complete device data (Fitting S020 + flowmeter)	
Pipe diameter	
G2" connection	DN06 to DN400
Clamp connection	DN32 to DN100
Measuring range	0.2 to 10 m/s
Sensor element	Electrodes
Fluid temperature	see Pressure/Temperature diagram
PVDF sensor version	0 to 80°C (32 to 176°F) (depends on fitting)
Stainless steel sensor version	-15 to 150°C (5 to 302°F) (depends on fitting)
Fluid pressure max.	see pressure/temperature diagram
PVDF sensor version	PN10 (145.1 PSI)
Stainless steel sensor version	PN10 (145.1 PSI) (with plastic fitting) - PN16 (232.16 PSI) (with metal fitting)
Conductivity	min. 20 µS/cm
Accuracy	
Teach-In	±0.5% of Reading ¹⁾ (at the teach flow rate value)
Standard K-factor	±3.5% of Reading ¹⁾
Linearity	±0.5% of F.S. ¹⁾
Repeatability	±0.25% of Reading ¹⁾

¹⁾ Under reference conditions i.e. measuring fluid=water, ambient and water temperature = 20°C (68°F), applying the minimum inlet and outlet pipe straights, matched inside pipe dimensions.

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

Electrical data	
Power supply	18 - 36 V DC filtered and regulated (3 wires)
Reversed polarity of DC	protected
Current consumption	≤ 220 mA (at 18 V DC)
Output	
Signal current	4... 20 mA (sink or source by wiring), 100 ms refresh time; max. loop impedance: 1100 Ω at 36 V DC; 330 Ω at 18 V DC
Frequency	0... 240 Hz, duty cycle = 50%±1%; 100 mA max., protected against short-circuits and polarity reversals.
Relay	Normally open or normally closed (depending on wiring), 3 A, 250 V AC
4... 20 mA output accuracy	±1%
Alarm	
Full scale exceeding	22 mA and 256 Hz
Fault signalling	22 mA and 0 Hz
User parameter	Saved in EEPROM

Standards, directives and approvals	
Protection class	IP65
Standards and directives	
EMC	EN 50081-1, EN 61000-6-2
Low voltage (LVD)	EN 61010-1
Pressure	Complying with article 3 of §3 from 97/23/CE directive.*
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Approval	FDA

* For the 97/23/CE pressure directive, the device can only be used under following conditions (dependent on max. pressure, pipe diameter and fluid).

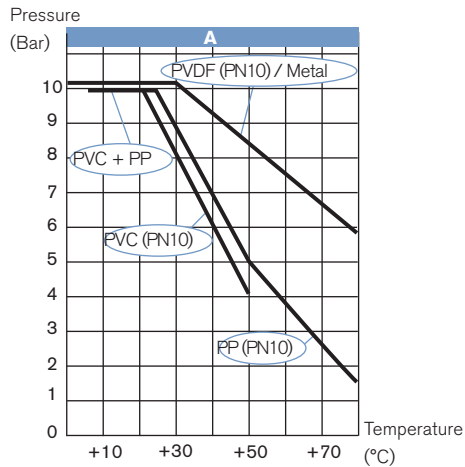
Type of fluid	Conditions
Fluid group 1, §1.3.a	Forbidden
Fluid group 2, §1.3.a	DN ≤ 32, or DN > 32 and PN*DN ≤ 1000
Fluid group 1, §1.3.b	PN*DN ≤ 2000
Fluid group 2, §1.3.b	DN ≤ 200 or PpN ≤ 10 or PN*DN ≤ 5000

Pressure/Temperature diagram

Please be aware of the fluid pressure/temperature dependence according to the respective fitting+flowmeter material as shown in the diagrams.

8041 with a PVDF sensor

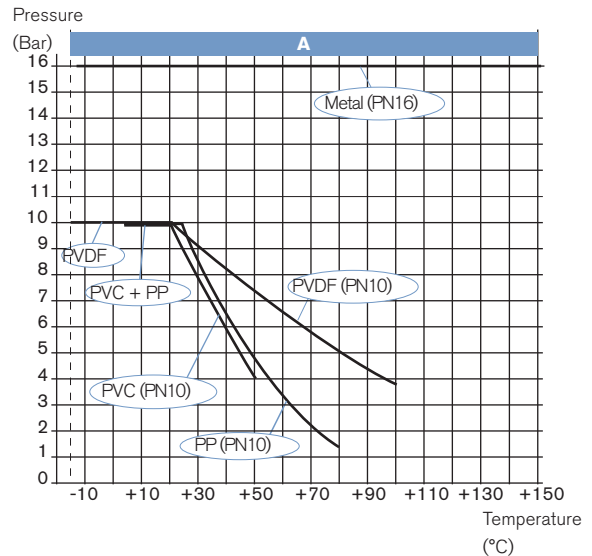
(depending on the fitting material)



A: Application range for complete device (fitting + flowmeter)

8041 with a stainless steel sensor

(depending on the fitting material)



Main features and programming

Using as a flowmeter

- Programming of the full scale
 - selection of a predefined measuring range: 0 to 2, to 5 or to 10 m/s
 - selection by Teach-In: with the actual max. flow velocity of the application
- 4... 20 mA current output
- 0... 240 Hz frequency output
- Relay output: switching mode either window or hysteresis, on low or high switching threshold
- Relay Time delay before switching
- Filter
- Alarm:
 - for full scale exceeding with 22 mA and 256 Hz
 - for fault signalling with 22 mA and 0 Hz

Using as an ON/OFF control

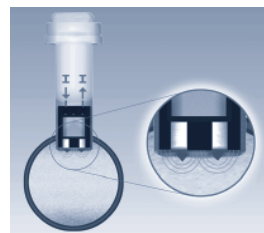
- Flow detection with switching thresholds, defined as a percentage of max. flow rate.
- Adjustment of the full scale of the device accordingly to the customer process full scale.

Possible applications

Flow control of conductive fluids, contaminated or not:

- Waste water treatment
- Flow control of drinking water (FDA approval)
- Laundries: measurement and control of the water consumption
- Swimming pools: pump protection and flow control
- Food-processing industry: monitoring of the cleaning cycles (FDA approval)
- Irrigation

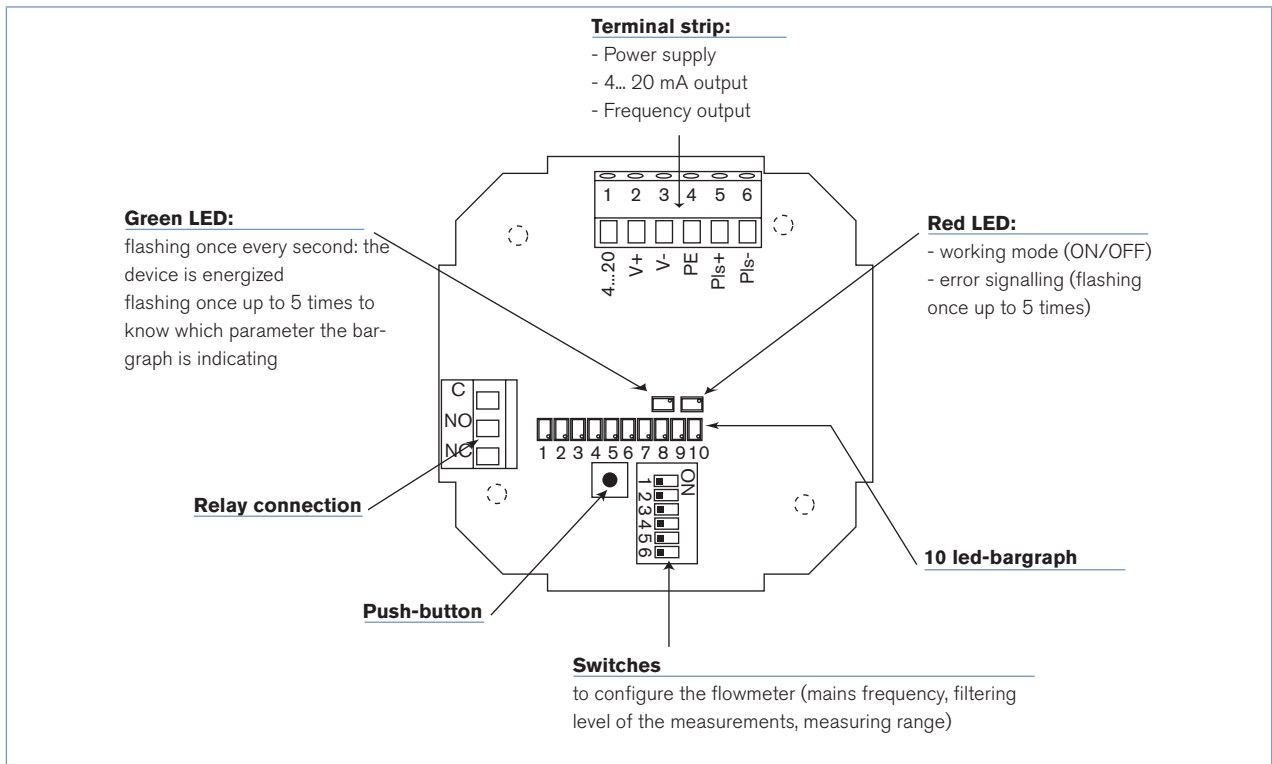
Design



The E-shaped magnetic system inside the sensor induces a magnetic field into the fluid, which is perpendicular to the direction of flow. Two electrodes are in galvanic contact with the liquid.

Based on the Faraday law a voltage can be measured between these electrodes once a liquid (min. conductivity of 20 $\mu\text{S}/\text{cm}$) flows along the pipe. This voltage is proportional to the flow velocity. Using the K-factor for the individual pipe diameter the speed of flow is converted into volume per time.

Display on PCB

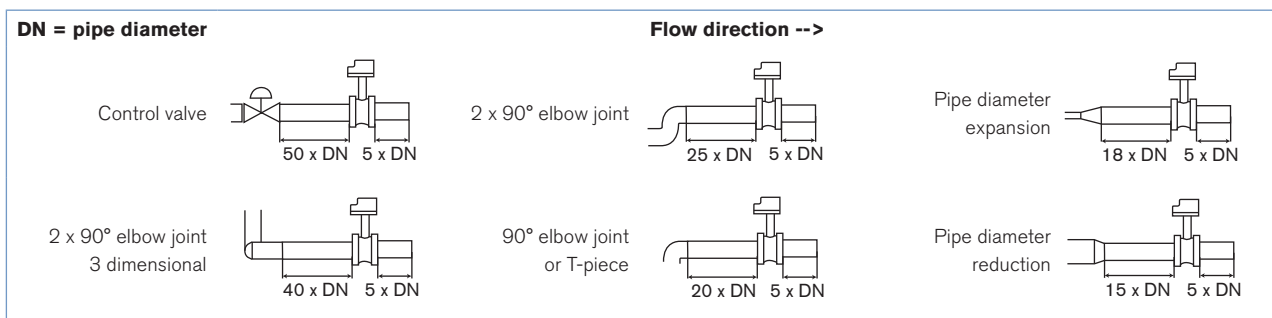


Installation

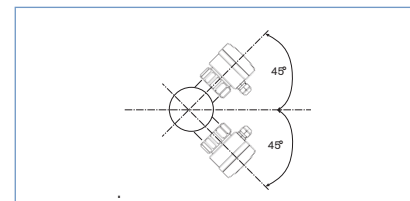
The 8041 flowmeter can easily be installed into any Bürkert INSERTION fitting system (S020) by just fixing the main nut.

Minimum straight upstream and downstream distances must be observed. According to the pipe's design, necessary distances can be bigger or use a flow conditioner to obtain the best accuracy. For more information, please refer to EN ISO 5167-1.

EN ISO 5167-1 prescribes the straight inlet and outlet distances that must be complied with when installing fittings in pipe lines in order to achieve calm flow conditions. 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. These ensure calm, problem-free measurement conditions at the measurement point.

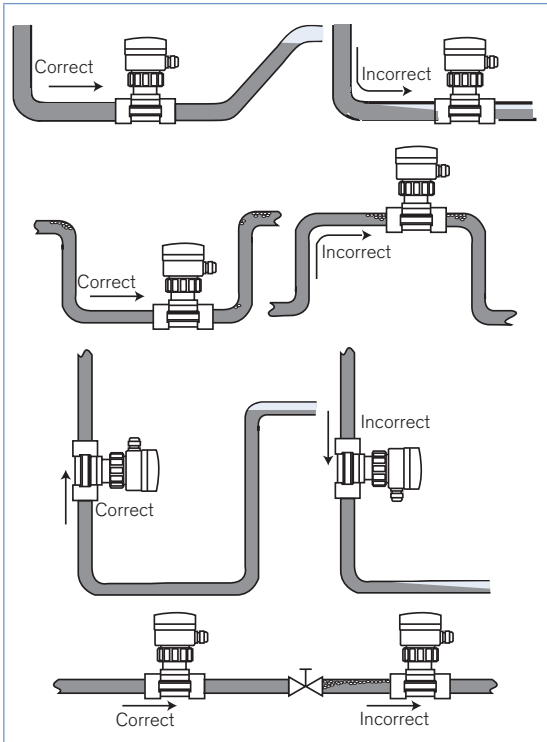


It is advisable to mount the flowmeter at a 45° angle to the horizontal centre of the pipe to avoid having deposits on the electrodes and false measurements due to air bubbles



Installation (continued)

The device can be installed into either horizontal or vertical pipes. Mount the 8041 in the following correct ways to obtain an accurate flow measurement.



Pressure and temperature ratings must be in accordance to the selected fitting material. The suitable pipe size is selected using the diagram Flow/Velocity/DN.

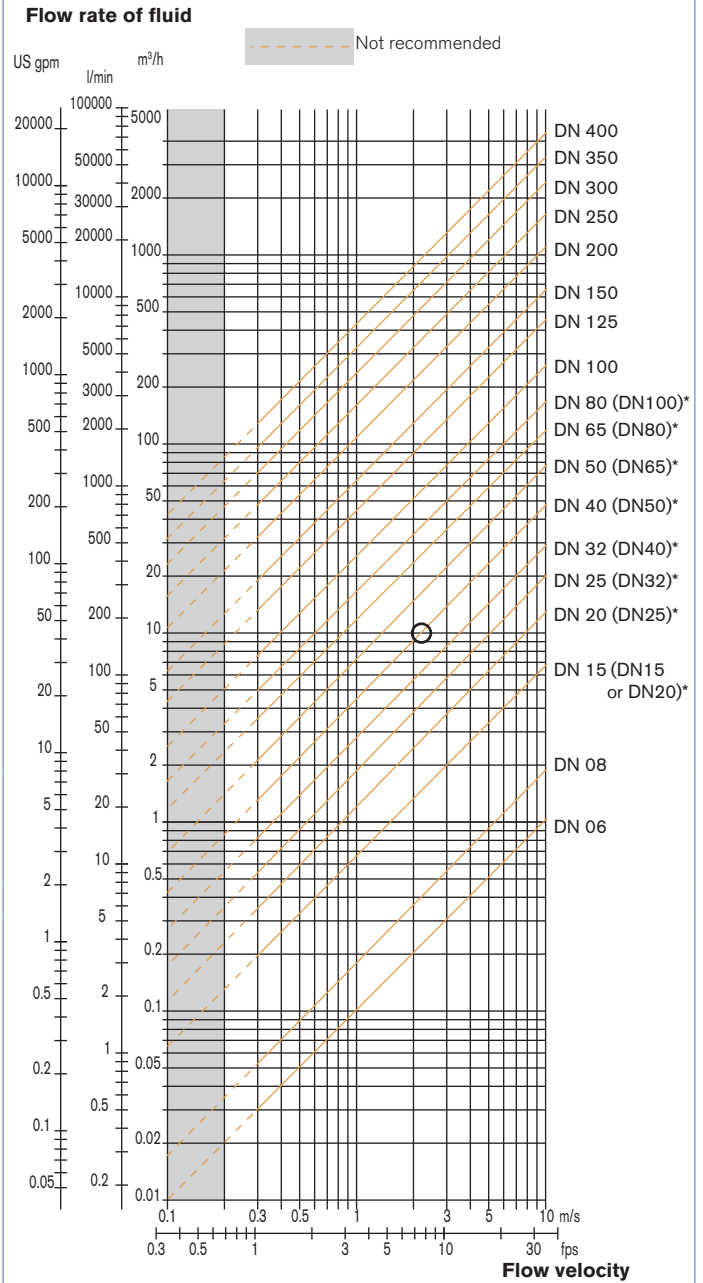
The flowmeter is not designed for gas or steam flow measurement.

Diagram Flow/Velocity/DN

Example:

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

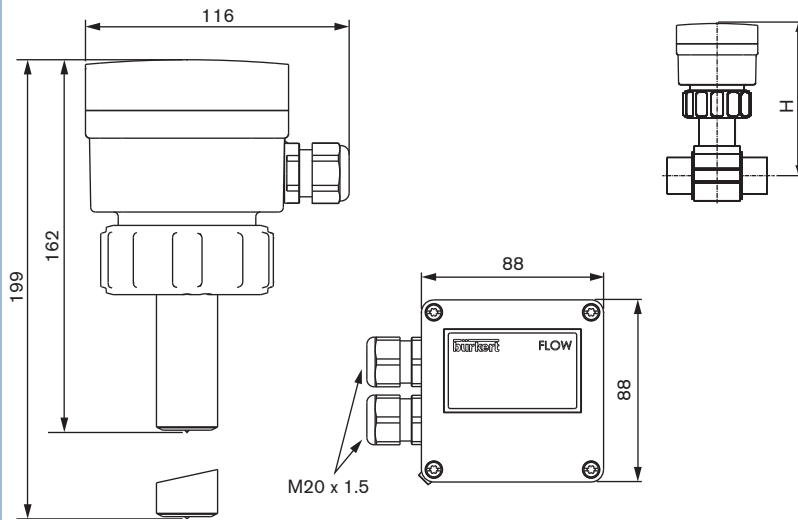
For these specifications, the diagram indicates a pipe size of DN40 [or DN50 for (*) mentioned fittings]



* for following fittings with process connection:
 external thread acc. to SMS 1145
 weld end acc. to SMS 3008, BS 4825/ASME BPE or DIN 11850 Series 2
 Clamp acc. to SMS 3017/ISO 2852, BS 4825/ASME BPE or DIN 32676

Dimensions [mm]

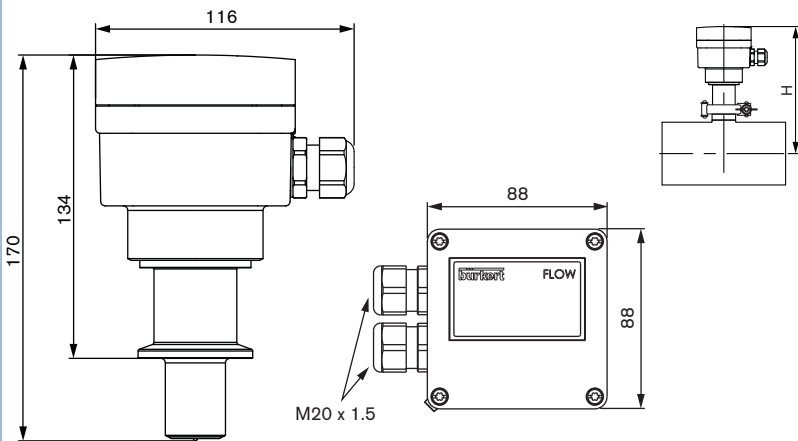
G2" connection version



DN	H			
	T-Fitting	Saddle	Plastic spigot	Metal spigot
06	163			
08	163			
15	168			
20	166			
25	166			
32	169			
40	173			169
50	179	204		174
65	179	203	187	180
80		207	193	185
100		212	200	195
110		208		
125		215	235	206
150		225	242	217
180		249		
200		261	263	238
250			281	298
300			293	317
350			306	329
400			321	

Note: The length of the sensor finger depends on the fitting used. See data sheet Type S020 or available fitting DN diagram on page 9.

Clamp connection version



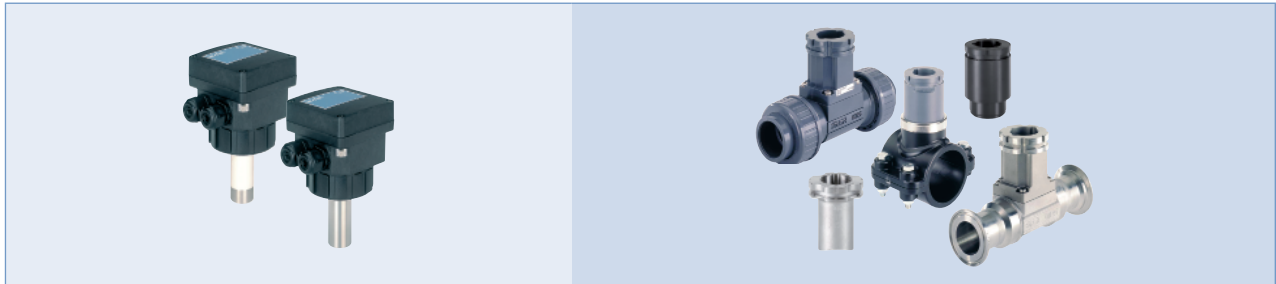
DN	H
32	181
40	186
50	191
65	199
80	205
100	211

Ordering information and chart for flowmeter Type 8041

• G2" connection to use with S020 Fitting for flowmeter with G2" connection.

A complete flowmeter Type 8041 with G2" connection consists of a flowmeter Type 8041 (with G2" connection) and a Bürkert fitting Type S020
The following information is necessary for the selection of a complete device:

- **Item no.** of the desired flowmeter **Type 8041** (see ordering chart, below)
- **Item no.** of the selected fitting **Type S020** for flowmeter with G2" connection (see separate data sheet) [More info.](#)



Voltage supply	Output	Relay	Housing material	Seals	Sensor version	Electrical connection	Item no.
18 - 36 V DC	4... 20 mA, frequency	1	PC	FKM	short, PVDF	2 cable glands	558 064
					long, PVDF	2 cable glands	558 065
			PPA	FKM	short, stainless steel (FDA)	2 cable glands	552 779
					long, stainless steel (FDA)	2 cable glands	552 780

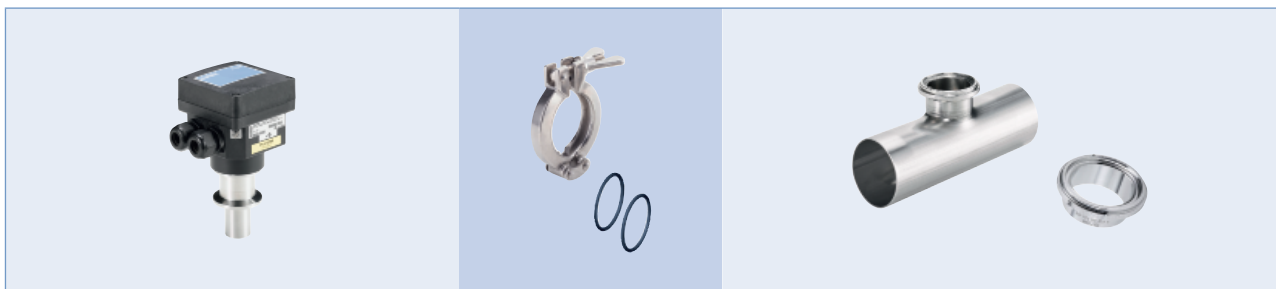
Note: 1 EPDM seal contained in the kit 551775 , 1 relay connection kit 552 812 are supplied with each flowmeter.

• Clamp connection to use with S020 Fitting for flowmeter with clamp connection.

A complete flowmeter Type 8041 with clamp connection consists of a flowmeter Type 8041 (with clamp connection), a Bürkert fitting Type S020, a clamp collar and a fitting/flowmeter seal

The following information is necessary for the selection of a complete device:

- **Item no.** of the desired flowmeter **Type 8041** (see ordering chart, below)
- **Item no.** of the selected fitting **Type S020** for flowmeter with clamp connection (see separate data sheet) [More info.](#)
- **Item no.** of the selected fitting/flowmeter seal - EPDM or FEP (see ordering chart, p. 8)
- **Item no.** of the clamp collar (see ordering chart, p. 8)



Voltage supply	Output	Relay	Housing material	Fitting/flowmeter seals*	Sensor version	Electrical connection	Item no.
18 - 36 V DC	4... 20 mA, frequency	1	PPA	EPDM or FEP	Clamp, stainless steel (FDA)	2 cable glands	564 688

Note: 1 Kit 565384 and 1 relay connection kit 552 812 are supplied with each flowmeter.

* Has to be ordered separately

Ordering chart - accessories for flowmeter Type 8041 (has to be ordered separately)

Specifications	Item no.
Set with 2 cable glands M20 x 1.5 + 2 neoprene flat seals for cable gland or plug + 2 screw-plugs M20 x 1.5 + 2 multiway seals 2 x 6 mm	449 755
Set with 2 reductions M20 x 1.5 /NPT1/2" + 2 neoprene flat seals for cable gland or plug + 2 screw-plugs M20 x 1.5	551 782
Relay connection kit with 1 screw terminal strip + 1 protection cap + 1 rilsan + 1 mounting instruction sheet	552 812
3 points calibration certificate (device combined with a S020 fitting, only for DN ≤ 200)	550 676
FDA - Approval (only stainless steel sensor version)	803 724
For G2" connection version	
Set with 1 stopper for unused cable gland M20 x 1.5 + 1 multiway seal 2 x 6 mm for cable gland + 1 green FKM seal for the sensor + 1 mounting instruction sheet	558 102
Snap ring	619 205
PC union nut	619 204
PPA union nut	440 229
Set with 1 green FKM and 1 black EPDM seal	552 111
For clamp connection version	
Set with 1 stopper for unused cable gland M20 x 1.5 + 1 multiway seal 2 x 6 mm for cable gland	565 384
1 EPDM fitting/flowmeter seal	730 837
1 FEP fitting/flowmeter seal	730 839
Clamp collar	731 164

Ordering chart for remote electronics Type 8025 which can be connected to the 8041

Version	Description	Voltage supply	Output	Relays	Sensor version	Electrical connection	Item no.
Panel	8025 "Universal" , 2 totalizers	18-30 V DC	4... 20 mA, pulse	None	8041	Terminal strip	419 538
				2	8041	Terminal strip	419 537
	8025 "Batch" , 2 totalizers, 1 flowrate	18-30 V DC	-	2	8041	Terminal strip	419 536
Wall	8025 "Universal" , 2 totalizers	18-30 V DC	4... 20 mA, pulse	None	8041	3 cable glands	419 541
				2	8041	3 cable glands	419 540
		115-230 V AC	4... 20 mA, pulse	None	8041	3 cable glands	419 544
	8025 "Batch" , 2 totalizers, 1 flowrate	18-30 V DC	-	2	8041	5 cable glands	433 740

Interconnection possibilities with other Bürkert devices

Type 8802-DD -
Process control valve
4... 20 mA current output

Type 5281 -
Solenoid valve
Relay output

Type 8025 -
Universal transmitter/
batch controller
Wall-mounted or panel-mounted
Frequency output

Type 8041 -
Electromagnetic flowmeter
with clamp connection

Type 8041 -
Electromagnetic flowmeter
with G2" connection

Type S020 -
Insertion fitting for flowmeter
with clamp connection
(see corresp. data sheet)

Type S020 -
Insertion fitting for flowmeter
with G2" connection
(see corresp. data sheet)

		DN06	DN08	DN32	DN50	DN65	DN100	DN200	DN350	DN400	
Available S020 fittings for flowmeter with connection	G2"	T-fitting	(1) Short sensor								
		Welding socket				Short sensor		Long sensor			
		Fusion spigot				Short sensor		Long sensor			
	Clamp	Screw-on						Long sensor			
		Saddle				Long sensor					
		T-fitting									
	Welding socket										

⁽¹⁾ DN06 and DN08 in stainless steel S020 only, 8041 with stainless steel sensor recommended

To find your nearest Bürkert office, click on the orange box →

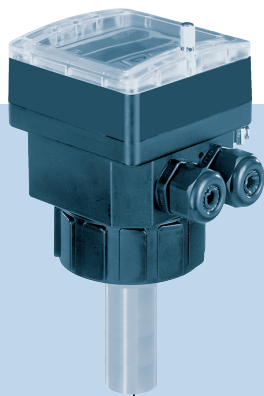


In case of special application conditions, please consult for advice.

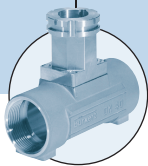
Subject to alteration.
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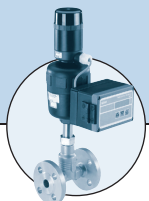
Магнитно-индуктивный расходомер



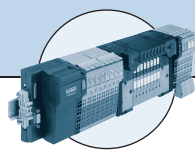
Возможность комбинирования



Фитинги из нерж. стали/латуни/ПВХ/ПП/ПВДФ S020



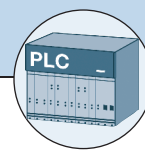
Регулирующий пневмоклапан 2712



Пневмоостров 8644



Мембранный клапан 2030



Контроллер

- Монолитная конструкция сенсора
- Индикация расхода и объема
- Симуляция расхода
- Возможность CIP-мойки
- FDA сертификат

Магнитно-индуктивный расходомер 8045 предназначен для измерения расхода в трубопроводах от Ду 15 до Ду 400 мм с электропроводностью сред > 20 мкС/см.

Расходомер имеет большой дисплей, клавиатуру и выходные сигналы: аналоговый 4-20 мА, релейный и импульсный.

Исполнение прибора с сенсором из нержавеющей стали предназначено для давления до 16 бар и температуры до +110 С.

Магнитно-индуктивный расходомер 8045 предназначен для измерения расхода в трубопроводах от Ду 15 до Ду 400 мм с электропроводностью сред > 20 мкС/см.

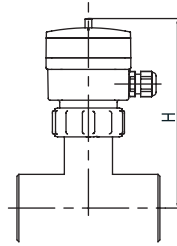
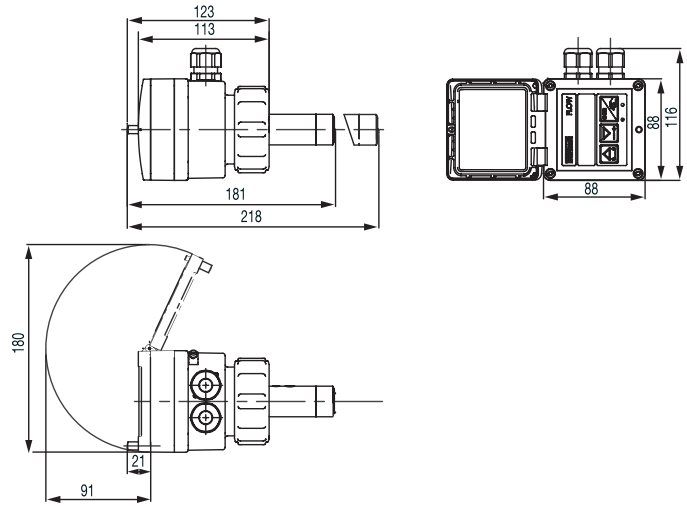
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Технические данные	
Диаметр трубопровода	Ду 15 – Ду400
Диапазон измерения	0.1 м/с to 10 м/с
Погрешность	≤ ±2% от изм. знач. (1–10 м/с) ¹⁾ с ручной или автоматической (Teach-In) настройкой ≤ ±4% от изм. знач. (1–10 м/с) ¹⁾ со станд. К-фактором
Линейность	≤ ±(1% измеряемого знач. + 0.1% от диапазона) ¹⁾
Повторяемость	±0.25% измеряемого знач. ¹⁾
Материалы	
Материал сенсора	Нерж. сталь 316L (1.4404)
Уплотнение	EPDM
Электроды	Нерж. сталь 316L (1.4404)
Крепление нержавеющей сенсора	PEEK
Корпус	ППА, +33% стекловолокна (Нержавеющий сенсор)
Пленка лицевой панели	Полиэстер
Защитная крышка	СОС
Электропроводность среды	> 20 мкС/см
Влажность	Макс. 80%
Температура	
Температура среды	-25 to 110°C (Нержавеющий сенсор)
Окружающая температура	-10 ... +60°C
Фитинг	S020
Напряжение	18-36 В/±, 3-проводная схема
Выходы	
Импульсный	NPN/PNP, открытый коллектор, гальв. разд, макс 36 В/±, 100 мА макс., защита от короткого замыкания
Реле (программируемые)	2 н/о контакта; 3 А/250 В/50 или 3 А/30 В/± Программируемый гистерезис
Фактическое значение	4-20 мА; 1300 Ω при 30 В; 1000 Ω при 24 В; 700 Ω при 18 В
Потребляемая мощность	Макс. 300 мА
Электрическое подключение	Кабельный ввод M20x1.5
Давление среды (макс.)	PN 16 (с нержавеющей сенсором)
Класс защиты	IP65
Стандарты	ЭМС: EN50081-1, 50082-2 / Безопасность: EN61010-2 Вибрация: EN 60068-2-6 / Шок: EN 60068-2-27

¹⁾ Условия при испытаниях: среда = вода, температура воды и окр. среды = 20°C, при соблюдении минимальных прямых участков до и после расходомера

Размеры [мм]



Размеры с фитингом [мм]

Сечение Ду	S020	1501 Хомут ПВХ	1501 Хомут ПП	1501 Вварной пластик	1501 Вварной нерж. сталь
	Н [мм]	Н [мм]	Н [мм]	Н [мм]	Н [мм]
15	186				
20	183				
25	183				
32	187				
40	191				187
50	197		221		192
65		200	220	202	196
80		206	224	207	203
100		214	229	214	213
110			225		
125			232		224
150		264	242	260	235
180			266		
200		293	278	281	256
250				299	
300				304	
350				324	
400				338	

Диаграмма зависимости давления и температуры расходомера 8045 с нержавеющей сенсором в зависимости от материала фитинга

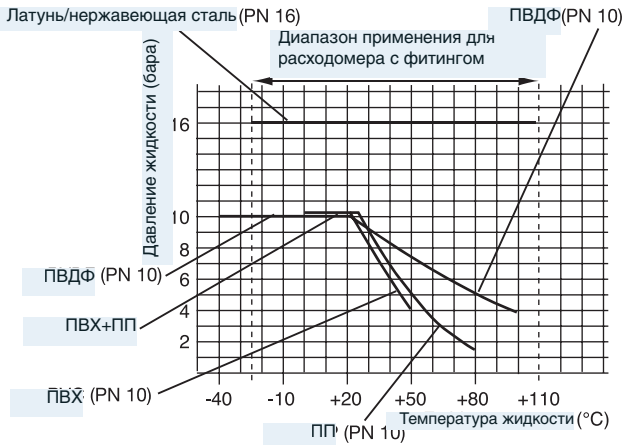


Таблица для заказа расходомера 8045

Для фитингов S020, все датчики подключаются через кабельный ввод M20x1,5, 18-36 В/=

Реле	Материал корпуса	Сенсор	Уплотнение	№ для заказа
нет	ППА	Короткий, нерж. сталь	EPDM	449 670
нет	ППА	Длинный, нерж. сталь	EPDM	449 672
2	ППА	Короткий, нерж. сталь	EPDM	449 671
2	ППА	Длинный, нерж. сталь	EPDM	449 673

Таблица для заказа фитингов из пластика S020

Фитинги из ПВХ с разъемной муфтой под склейку, из ПП и ПВХДФ с разъемной муфтой под сварку

Размеры				Разъемная муфта		
Ду [мм]	Ø D [мм]	В [мм]	L [мм]	Под склейку	Под сварку	№ для заказа ПВХДФ
				№ для заказа ПВХ [по ISO]	№ для заказа ПП	
15	20	80	128	428 670	428 688	428 700
20	25	78	144	428 671	428 689	428 701
25	32	78	160	428 672	428 690	428 702
32	40	84	168	428 673	428 691	428 703
40	50	85	188	428 674	428 692	428 704
50	63	91	212	428 675	428 693	428 705

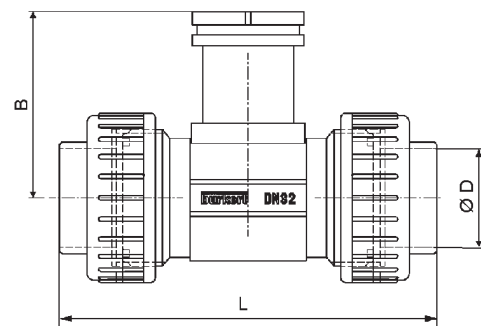
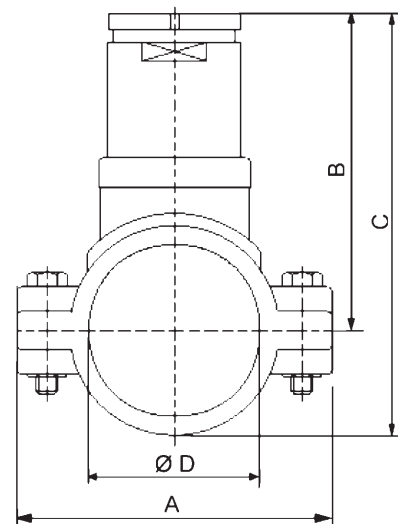


Таблица для заказа хомутов из ПП/ПВХ, уплотнение EPDM, Ду 50–400

Размеры					
Ду [мм]	A [мм]	B [мм]	C [мм]	Ø D [мм]	№ для заказа ПП/ПВХ
50	116	116	155	63	425 138
65	129	115	160	75	425 139
80	144	119	171	90	425 140
100	166	124	187	110	425 141
110	181	120	191	125	425 142
125	196	127	205	140	425 143
150	216	137	225	160	425 144
200	290	173	297	225	425 416

**Примечание:**

Для хомутов применять только сенсоры длинной формы.

Таблица для заказа металлических фитингов с внутренней резьбой,
Ду 15 – 50

Размеры			Внутренняя резьба, G		
Ду [мм]	В [мм]	L [мм]	Ø D [мм]	№ для заказа Нерж. сталь	№ для заказа Латунь
15	80	85	G 1/2	428 736	428 712
20	78	95	G 3/4	428 737	428 713
25	78	105	G 1	428 738	428 714
32	84	120	G 1 1/4	428 739	428 715
40	85	130	G 1 1/2	428 740	428 716
50	91	150	G 2	428 741	428 717

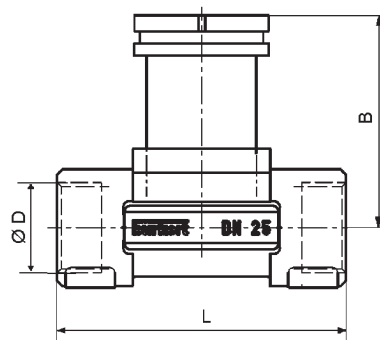


Таблица для заказа фитингов из нержавеющей стали под сварку

Размеры				
Ду [мм]	В [мм]	L [мм]	Ø D	№ для заказа
15	80	84	21.3	428 760
20	78	94	26.9	428 761
25	78	104	33.7	428 762
32	84	119	42.4	428 763
40	85	129	48.3	428 764
50	91	149	60.3	428 765

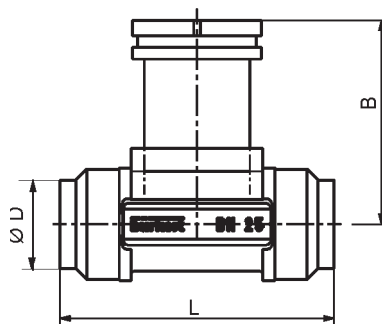


Таблица для заказа фитингов из
нерж. стали Tri-Clamp®
(ISO 2852)

L [мм]	Ø D [мм]	№ для заказа
130	34.0	428 766
150	50.5	428 767
160	50.5	428 768
180	50.5	428 769
200	64.0	428 770
230	77.5	428 771

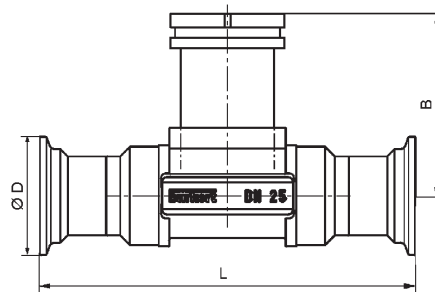


Таблица для заказа фитингов из нержавеющей стали с фланцевым
присоединением по DIN 2501, Ду 15 – 50

Размеры					
Ду [мм]	В [мм]	L [мм]	Ø D [мм]	Количество отверстий	№ для заказа
15	80	130	95	4x14	428 772
20	78	150	105	4x14	428 773
25	78	160	115	4x14	428 774
32	84	180	140	4x18	428 775
40	85	200	150	4x18	428 776
50	91	230	165	4x18	428 777

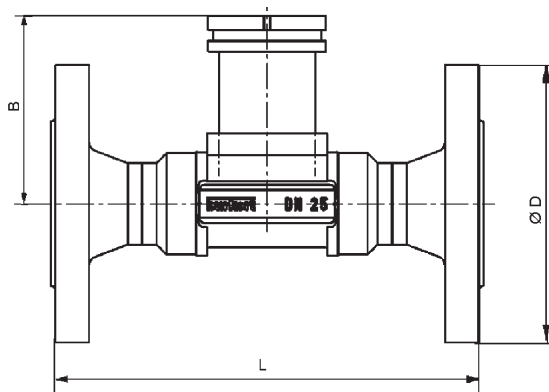


Таблица для заказа сварных фитингов из нержавеющей стали с радиусом и без

Ду [мм]	A [мм]	R [мм]	№ для заказа
65	54.5	36.7	418 112
80	53.1	44.5	418 113
100	50.7	57.2	418 114
125	48.2	70.7	418 115
150	45.7	84.2	418 116
200	41.0	109.6	418 117
250 ■	73.6	136.6	418 756
300 ■	67.9	162.0	420 070
350 ■	63.9	177.8	416 637

■ – по запросу

Примечание: При использовании с датчиками расхода следует выбирать:

- короткое исполнение сенсора для Ду 65 – 200
- длинное исполнение сенсора для Ду 250 – 350

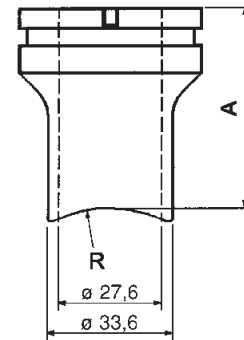
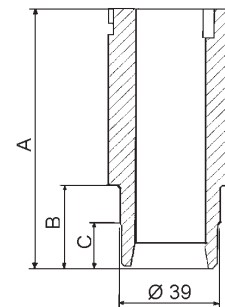


Таблица для заказа сварных фитингов из ПЭ и ПП, Ду 65 – 400

Ду [мм]	РЭ		ПП		№ для заказа ПЭ	№ для заказа ПП	
	A [мм]	B [мм]	C [мм]	D [мм]			
65	72.5	13	–	13	–	418 642	418 650
80	72.5	15.6	–	5.6	–	418 643	418 651
100	72.5	19	5	19	5	418 644	418 652
125	102	24.2	8	–	–	418 590	–
150	102	27.7	10	27.7	10	418 645	418 653
200	102	38.9	16	38.9	16	418 646	418 654
250	102	48.4	21	48.4	21	418 647	418 655
300	102	61.3	28	61.3	28	418 648	418 656
350	102	61.3	28	61.3	28	418 649	418 657
400	102	69.1	31.5	–	–	418 598	–

При использовании с датчиками расхода следует выбирать:

- короткое исполнение сенсора для Ду 65 – 200
- длинное исполнение сенсора для Ду 250 до 350



Пластиковый резьбовой фитинг

Материал	№ для заказа
ПВХ	418 170
ПЭ	436 489
ПП	436 488

Примечание:

Резьбовые фитинги из разных пластиков отличаются по размерам. Они могут быть использованы для Ду 100 – 200 (до Ду 400 – по запросу). При этом, в зависимости от сечения трубопровода, необходимо определить глубину ввинчивания фитинга (расстояние между верхней кромкой штуцера и внешней поверхности трубы). (см. указания по монтажу фитингов и таблицу с K-факторов).

Для этих фитингов применяется длинная форма сенсоров.

