DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Electromotive 2 way diaphragm on/off valve

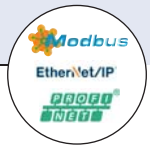
- Safety position with energy pack
- Fast shut off
- Adjustable force for increased diaphragm lifetime
- Various diaphragms, stainless steel and plastic bodies available
- Diagnostic functions and fieldbus integration

options

Rugged Display
with operating buttons

SAFEPOS
energy-pack

Type 3361
Globe control valve



Fieldbus

powered by EDIP

The innovative diaphragm on/off valve Type 3323 is the solution when it comes to on/off control in areas with media contact such as the Food and Beverage, Cosmetic, Pharma and Bi-opharma Industry.

The electromotive actuator with ball screw shuts the diaphragm valve quasi delay free with – for electromotive valves – unique speed of 4 mm/s within 1.5 to 4.5 seconds. If necessary, the safety position can be realized with optional energy storage in case of power failure.

Pressure variations or shocks in the medium aren´t transferred to the valve position. Many helpful functions for process monitoring, valve diagnostics and predictive maintenance can be used. Beside the mechanical position indication a 360°- LED illuminated ring displays valve position and information about warnings or errors. Communication is possible with both analogue signals and modern fieldbus systems.

Trusted valve bodies and diaphragms ensure media separation with minimum dead leg and are easy to clean. Demanding environments are no problem for Type 3323 with its high IP-protection and high resistance to vibration and shocks. Hygienic design allows a fast and residue-free exterior cleaning.

The actuator force can be exactly adjusted for the operating conditions to optimize diaphragm life.

Technical data	
Port connection size	DN8 - DN50 (1/4" - 2")
Diaphragm size	8 - 40
Body material	
Stainless steel	forged 316L/1.4435/BN2 tube 316L/1.4435/BN2 cast, tank bottom and T-body on request
Plastic	PVC (Polyvinyl chloride) PP (Polypropylene) PVDF (Polyvinylidene fluoride)
Port connections stainless steel	
Weld ends	ASME BPE / DIN 11866 C DIN EN ISO 1127/ISO 4200/DIN11866 B DIN 11850 2/DIN11866 A BS4825 SMS 3008 DIN 11850 0
Clamps	ASME BPE DIN 32676 A (with pipe DIN 11850 2) DIN 32676 B (with pipe ISO 4200) further port connections on request
Port connections plastic	True union (solvent), true union (weld), weld ends and solvent sockets
Surface finish - forged	
internally electropolished	Ra ≤ 0.38 µm (ASME BPE SF4)
internally mechanically polished	Ra ≤ 0.5 µm (ASME BPE SF1)
Surface finish - tube body	
internally electropolished	Ra ≤ 0.38 µm (ASME BPE SF4)
Materials	
Diaphragm materials	EPDM (AB), PTFE/EPDM (EA), EPDM (AD), advanced PTFE/EPDM (EU), Gylon®/EPDM laminated (ER) , FKM (FF)

Content

Technical data/dimensions

Technical data, continued

Medium temperature	
EPDM (AB), PTFE/EPDM (EA)	-10 to +130 °C (steam sterilisation +140 °C for 60 min)
EPDM (AD), advanced PTFE/EPDM (EU)	-5 to +143 °C (steam sterilisation +150 °C for 60 min)
Gylon®/EPDM laminated (ER)	-5 to +130 °C (steam sterilisation +140 °C for 60min)
FKM (FF)	0 to +130 °C (not recommended for steam)
Media	Neutral gases and liquids, high-purity, sterile, aggressive or abrasive fluids
Viscosity	Up to viscous
Installation	As required, preferably with actuator in upright position
Ambient temperature	-10 to +65 °C* (without SAFEPOS energy storage) -10 to +55 °C* (with SAFEPOS energy storage) * depends on media temperature see temperature chart
Safety position at power failure	with SAFEPOS energy-pack: opened, closed or free programmable withouth SAFEPOS energy-pack: blocked in last position
Power supply	24 V DC +/- 10% (max. residual ripple 10%)
Closure time	< 1.5 s to 4.5 s depending on diaphragm size
Travel speed	4 mm/s
Duty cycle	100%
Protection class	IP65 / IP67
Binary control	0-5 V (log. 0) 10-30V (log.1)
Vibration, sinusoidal	5 g according to IEC 60068-2-6 Test Fc
Shock, mechanical	50 g according to IEC 60068-2-27 Test Ea
Digital control (fieldbus)	EtherNet/IP, Modbus/TCP, Profi net (on request)

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

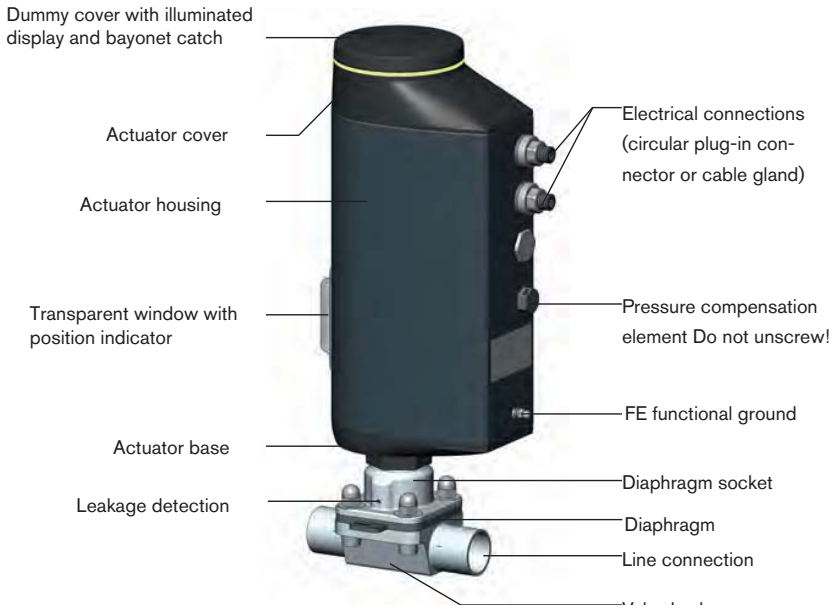
Structure and function

The electromotive linear actuator consists of a brushless direct current motor, gears and a threaded spindle. The valve spindle, which is connected to the threaded spindle, transfers the force to the diaphragm. The electronic control system is actuated either via a standard signal (digital) or via a fieldbus (digital). Optionally there is the energy pack (SAFEPOS energy-pack) for the device. If the supply voltage fails, the energy pack supplies the actuator with the required energy to move the valves into the required position which can be adjusted via a menu.

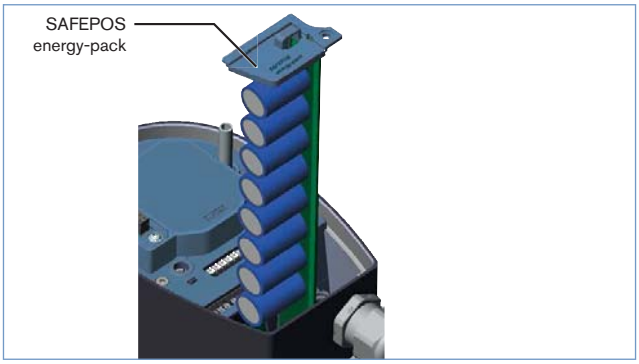
The valve position can be manually changed in 2 ways. Either over an electrical manual control or over mechanical manual control, if no supply voltage applied. The device can be set and operated either via 2 capacitive buttons and 4 DIP switches. There is also the option of setting the device via the büs Service interface and by using the PC software "Bürkert-Communicator".

The intelligent process valve Type 3323 offers options for process monitoring, valve diagnostics and predictive maintenance. The state of the device is monitored and if necessary warnings or error messages for inadmissible environmental and operational conditions, disfunctional components or a crtical state of the energy storage are displayed.

For a good diaphragm lifetime the actuator force is adjusted according to diaphragm size by default. It can even be adapted according to the operational conditions for an optimum diaphragm cycle life.



Structure, electromotive diaphragm control valve Type 3323 with 2 way body

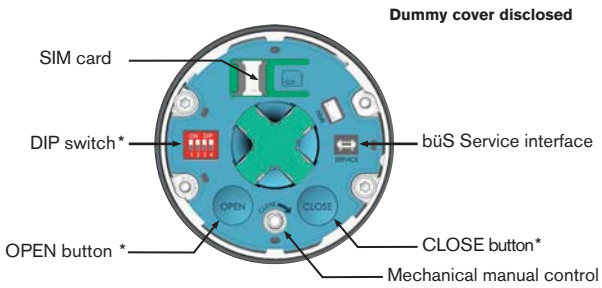


Safety position with energy storage (Option)

The safety positions in case of power interruption is realized by the optional energy-pack SAFEPOS. The desired position is adjusted in the menu. Here any intermediate position can be defined in addition to the end positions (NO / NC). The energy storage has a lifespan of up to 10 years, depending on the operating conditions. The power of the energy storage is monitored and a warning is displayed to indicate its life is coming to an end. The memory is designed as a plug-in module making it easy to exchange. Without energy storage the valve remains in the last position. The energy storage is fully charged after maximum 100 seconds (depending on the operating conditions) and ready to use.

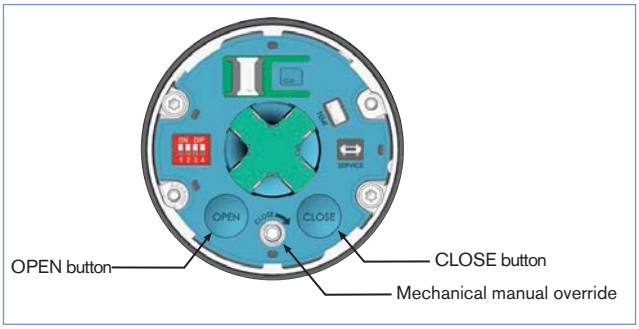
DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Controls and indicators



Devices without display module

In the version without control display the basic functions are operated by 4 DIP switches and 2 pushbuttons. These are located under the dummy cover which can be removed manual by turning. Through the büS service access, the device can also be configured in detail with the Bürkert communicator software. For this, the optional USB-büS interface kit is required.



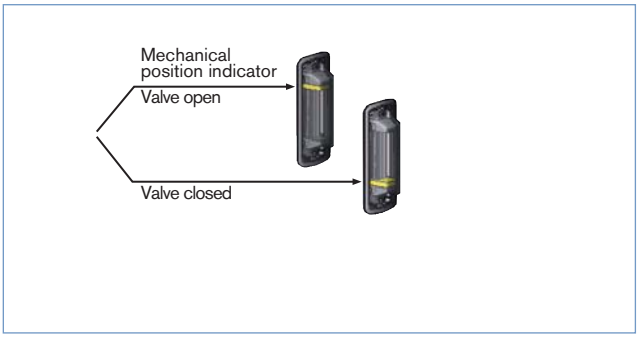
Manual and electrical operation

The manual override for mechanical operation of the valve is located under the dummy cover or the display module.

Electrical manual override for the procedure is carried out directly on the touch screen, or in the version without a display by two buttons below the dummy cover.

360°- LED Illuminated ring

To display the device status, the valve end position and the operating condition, a visible 360° LED illuminated ring is mounted around the dummy cover or the display module. The LED ring lights up, flashes or flashes in one or different colors. Depending on customer requirements 4 different LED modes can be selected (Namur mode, valve mode without warnings, valve mode with warnings, LED off)

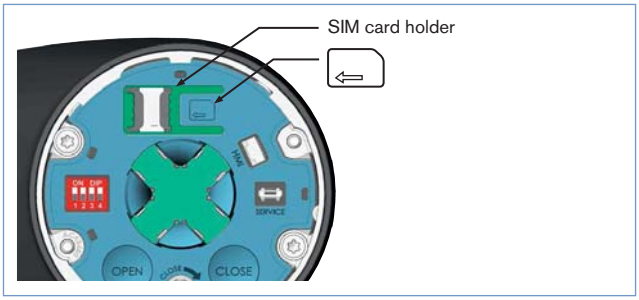


Mechanical position indicator

The mechanical position indicator also indicates when the supply voltage of the current valve position fails.

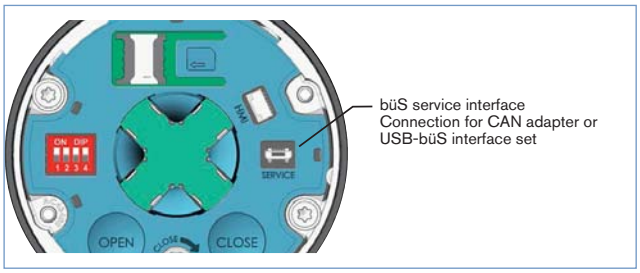
DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Controls and indicators, continued



SIM card as data storage (option)

With the SIM card optional device-specific values and user settings can be saved and quickly transferred to another device.

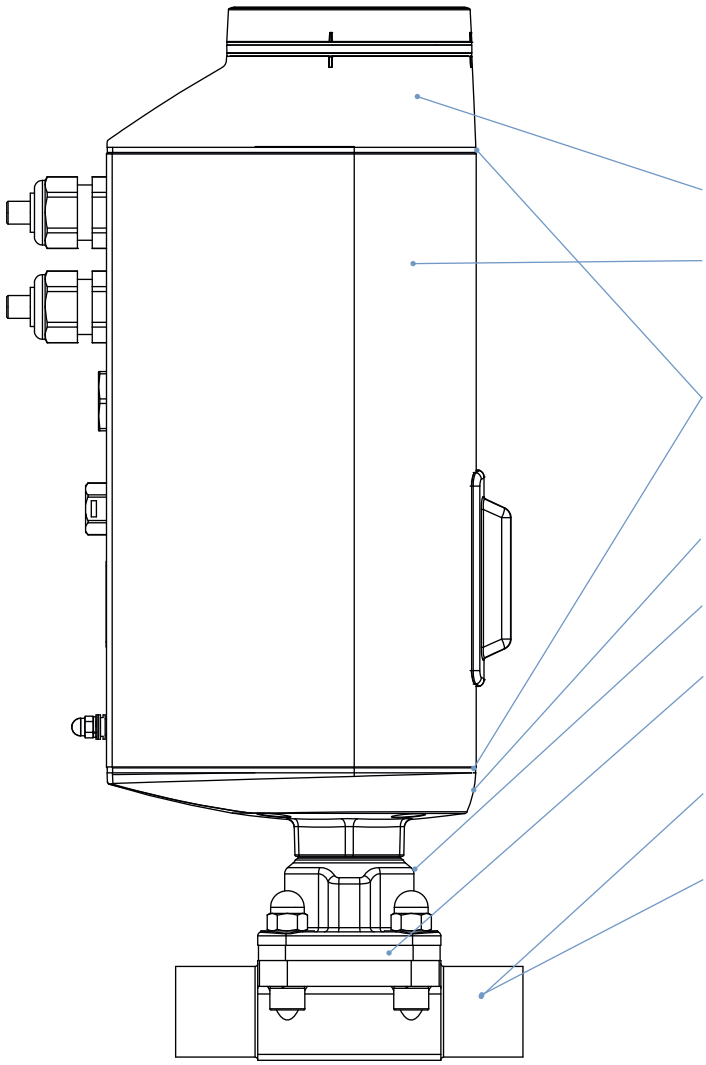


büS service interface

The büS service interface connects the device to the communicator software on a PC, laptop or smartphone. From there, a configuration of the device or failure diagnosis can be performed.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Materials



Note: The depiction of the products may differ from the actual specific design (e.g. body material, and port connection)

Approvals

Suitability for foodstuffs / sterile applications

- The composition of the EPDM (AB), EPDM (AD), PTFE/EPDM (EA), advanced PTFE (EU) and GYLON®/EPDM laminated (ER) diaphragms corresponds to the Code of Federal Regulations, published by the FDA (Food and Drug Administration, USA).

- The composition of the EPDM (AB), EPDM (AD), PTFE/EPDM (EA), advanced PTFE (EU) and GYLON®/EPDM laminated (ER) diaphragms is suitable for the application with food and beverage (acc. to EC-Regulation 1935/2004/EC)

- The composition of the EPDM (AB), EPDM (AD), PTFE/EPDM (EA), advanced PTFE (EU) and GYLON®/EPDM laminated (ER) diaphragms are approved acc. USP Class VI

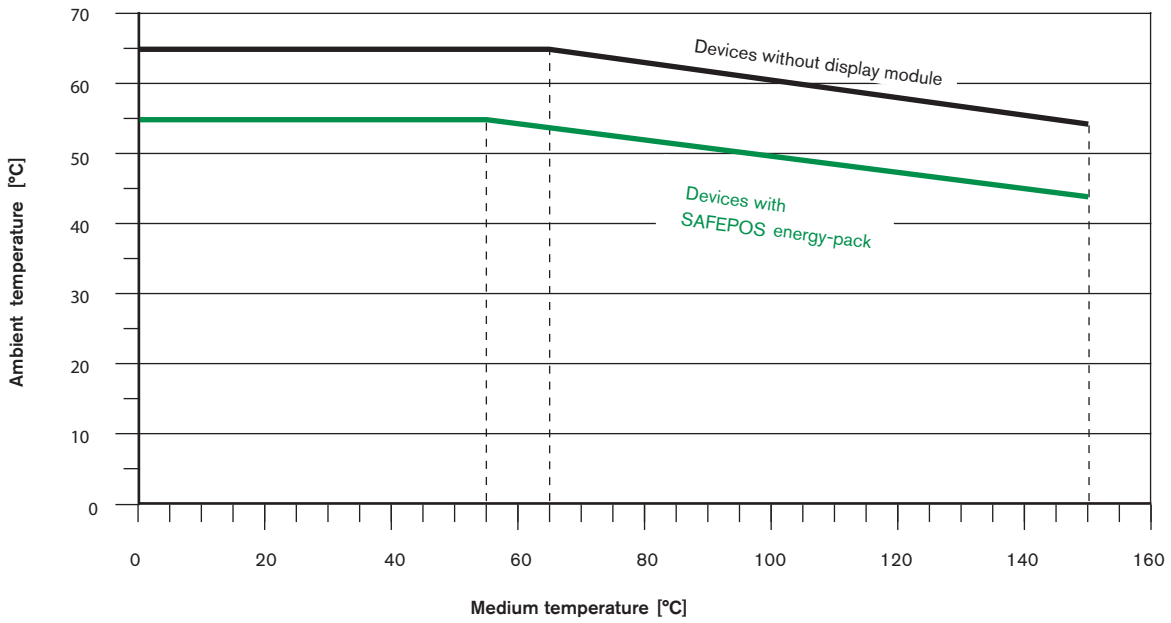
- The diaphragm valve with tube valve body and EPDM or PTFE has been evaluated for compliance with the *Hygienic Equipment Design Criteria* of the EHEDG

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Technical data

Temperature chart

The maximum allowable ambient temperature and media temperature influence each other. The maximum allowable temperature curves of different device variants can be seen in the temperature chart.

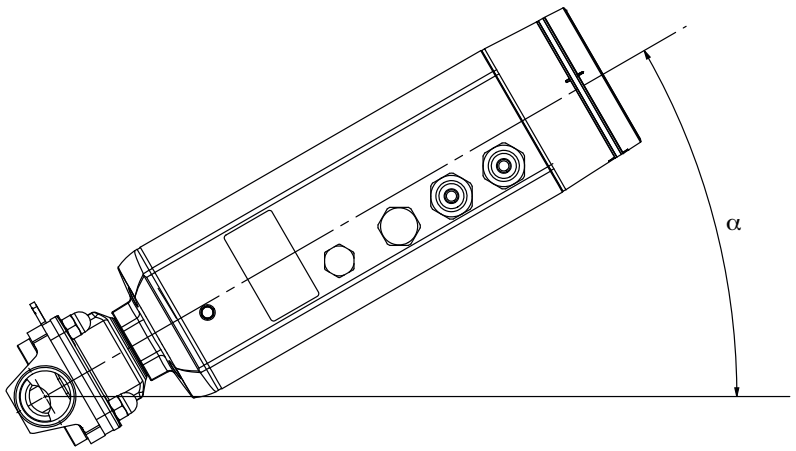


Pressure values

Diaphragm size	Max. operating pressure [bar]	
	EPDM, FKM	PTFE, advanced PTFE, Gylon ®
8	10	10
15	10	10
20	10	10
25	10	10
32	8	5.5
40	4	2.5

Pressure values: *Kv value water [m³/h]:* Measured at +20 °C, 1 bar pressure at valve inlet and free outlet.

Installation for self-draining operation

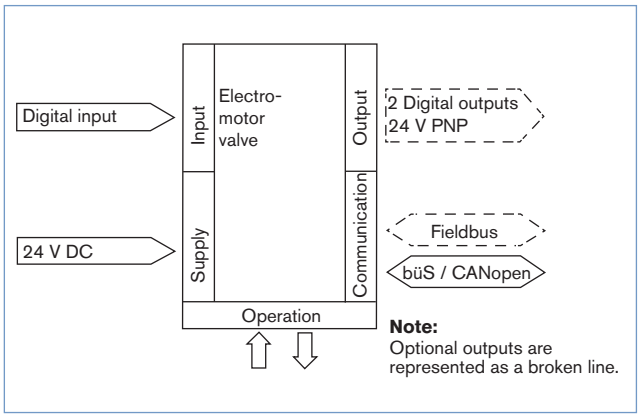


α = 15 up to 35° (Marking must face upwards, 12 o'clock position) plus 3° to 5° inclination to the pipe axis. Drain marks permanently marked on both sides of the stainless steel valve body show the correct mounting position to optimise drain ability.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Technical data, continued

Electrical data	
Protection class	3 acc. to DIN EN 61140
Electrical connections	Cable gland, 2 x M20 or 2 circular plug-in connector M12, 5-pin and 8-pin
Operating voltage	24 V DC ± 10% max. residual ripple 10%
Operating current [A]*	max. 3 A including actuator at max. load and charging current of the optional SAFEPOS energy-pack (charging current approx. 1 A)
Lifelong energy storage SAFEPOS energy-pack	up to 10 years (depending on operating conditions)
Electronic without actuator [W]*	min. 2 W, max. 4 W
Control	
Output digital:	current limit 100 mA
Input digital:	0…5 V = log "0", 10…30 V = log "1" inverted input reversed accordingly
Communication interface:	Connection to PC via USB büS interface set
Communication Software:	Bürkert communicator



Electrical control and interface

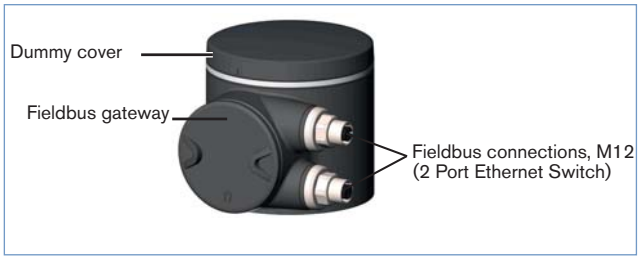
The position of the actuator is regulated according to the position set-point. The position setpoint value is specified either by an external standard signal (digital) or via a field bus (digital).

Digital Control

For digital control 2 variants are available for the inputs and outputs and the connection interface

Input and output:
* 1 digital input, 2 digital output

Interface:
* cable gland with connection terminal
* M12 circular connectors (optional)



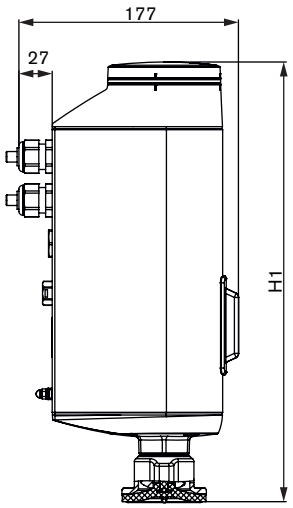
Fieldbus: EtherNet/IP, PROFINET, Modbus TCP (option)

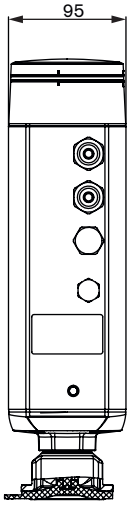
The Fieldbus Gateway for EtherNet / IP, PROFINET and Modbus TCP is integrated into a special module. It has 2 fieldbus connections with 4-pin M12 circular connectors. Under the gateway housing cover are the interfaces for the fieldbus connection and status LEDs. If there is a need to be include it in a network then the configuration of the Ethernet can be performed via the web server.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

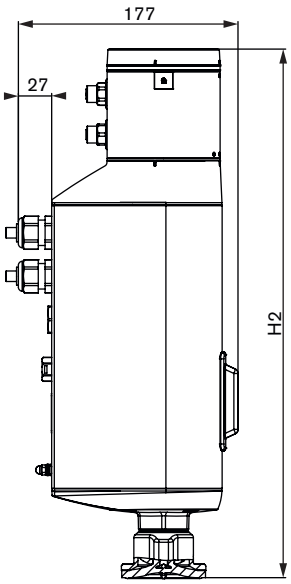
Dimensions [mm] - actuator

Standard





with fieldbus gateway

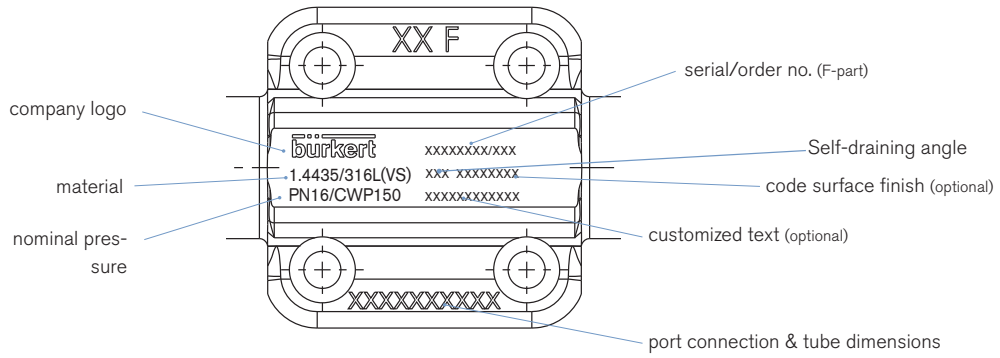


Diaphragm size	Height [mm]	
	H1	H2
8	342	414
15	345	418
20	350	422
25	355	426
32	365	436
40	370	442

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Technical data, forged body

Body label



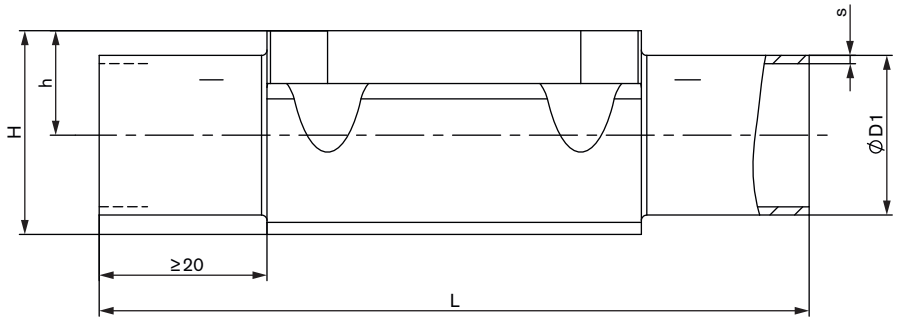
Kv values

Port Connection DN		Diaphragm size	Kv value [m³/h]					
[mm]	[inch]		DIN EN ISO 1127 ISO 4200 DIN 11866 B	DIN 11850 2 DIN 11866 A	ASME BPE DIN 11866 C	DIN 11850 0	BS4825	SMS3008
6	1/8”	8	-	-	-	1.1	-	-
8	1/4”	8	1.5	-	0.7	1.7	0.5	-
10	3/8”	8	1.5	1.5	1.6	-	1.4	-
15	1/2”	8	-	-	1.5	-	-	-
10	3/8”	15	5.5	3.5	-	-	-	-
15	1/2”	15	6.5	6.5	3.1	-	3.7	-
20	3/4”	15	-	-	6.5	-	-	-
20	3/4”	20	12.5	12.4	8.4	-	8.9	-
25	1”	25	18	20	15.5	-	15.5	16
32	1 1/4”	40	-	34	-	-	-	-
40	1 1/2”	40	41	40	37	-	37	38

Flow rate: Kv value water [m³/h]: Measured at +20 °C, 1 bar pressure at valve inlet and free outlet.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

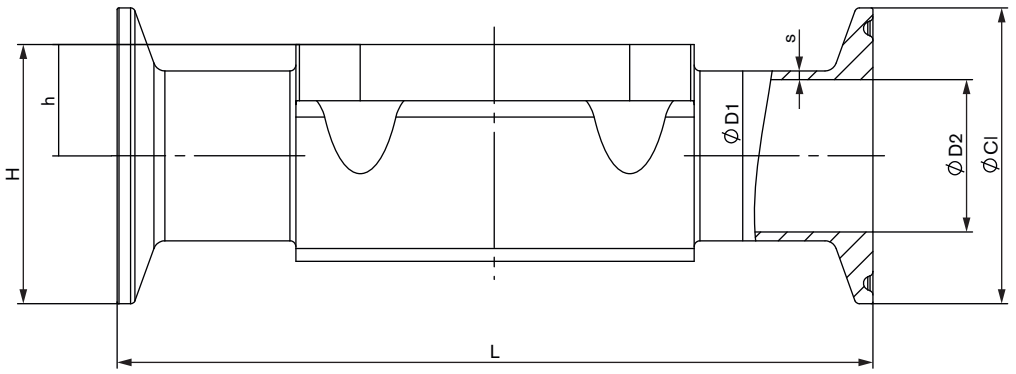
Dimensions [mm] forged body - weld end



Port Connection DN		Diaphragm Size	ØD1	s	h	H	L
[mm]	[inch]		[mm]	[mm]	[mm]	[mm]	[mm]
DIN EN ISO 1127 / ISO 4200 / DIN 11866 B							
8	1/4”	8	13.5	1.6	9	19	90
10	3/8”	8	17.2	1.6	9	19	90
10	3/8”	15	17.2	1.6	12	24	110
15	1/2”	15	21.3	1.6	12	24	110
20	3/4”	20	26.9	1.6	16	30	119
25	1”	25	33.7	2.0	19	37	129
32	1 1/4”	40	42.4	2.0	28	52	161
40	1 1/2”	40	48.3	2.0	28	52	161
DIN 11850 2 / DIN 11866 A							
10	3/8”	8	13.0	1.5	9	19	90
10	3/8”	15	13.0	1.5	8	20	110
15	1/2”	15	19.0	1.5	12	24	110
20	3/4”	20	23.0	1.5	16	30	119
25	1”	25	29.0	1.5	19	37	129
32	1 1/4”	40	35.0	1.5	28	52	161
40	1 1/2”	40	41.0	1.5	28	52	161
ASME BPE / DIN 11866 C							
8	1/4”	8	6.35	0.89	6	15	78
10	3/8”	8	9.53	0.89	6	15	89
15	1/2”	8	12.70	1.65	9	19	89
15	1/2”	15	12.70	1.65	8	20	108
20	3/4”	15	19.05	1.65	12	24	108
20	3/4”	20	19.05	1.65	16	30	117
25	1”	25	25.40	1.65	19	37	127
40	1 1/2”	40	38.10	1.65	28	52	159
BS 4825							
8	1/4”	8	6.35	1.20	6	15	78
10	3/8”	8	9.53	1.20	6	15	89
15	1/2”	15	12.70	1.20	8	20	108
20	3/4”	20	19.05	1.20	16	30	117
25	1”	25	25.40	1.65	19	37	127
40	1 1/2”	40	38.10	1.65	28	52	159
SMS 3008							
25	1”	25	25.0	1.2	19	37	129
40	1 1/2”	40	38.0	1.2	28	52	161
DIN 11850 0							
6	1/8”	8	8.0	1.0	6	15	90
8	1/4”	8	10.0	1.0	6	15	90

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Dimensions [mm] forged body - clamp

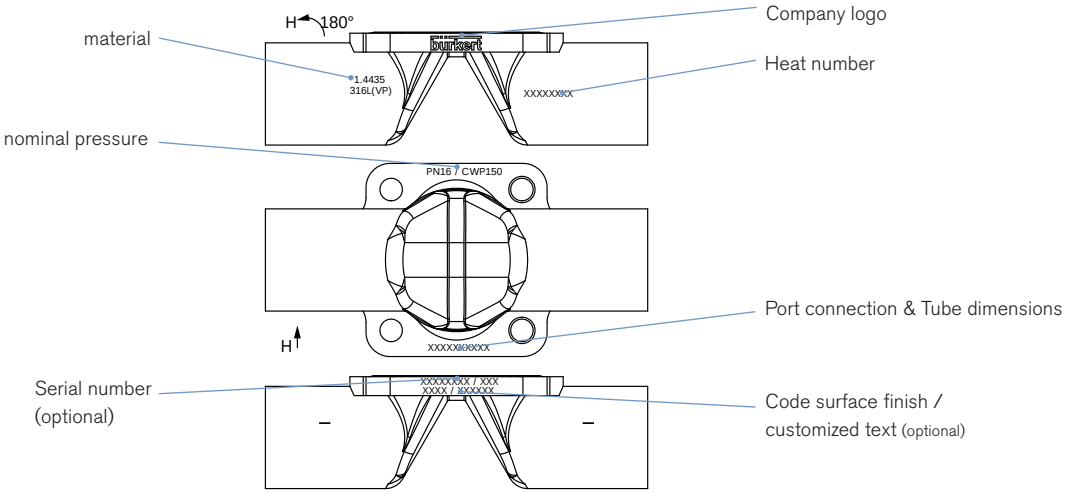


Port Connection DN [mm]	[inch]	Diaphragm Size	ØD1 [mm]	s [mm]	Cl [mm]	ØD2 [mm]	h [mm]	H [mm]	L [mm]
DIN 32676 B with pipe EN ISO 4200									
15	1/2”	15	21.3	1.6	50.5	18.1	12	37	167
20	3/4”	20	26.9	1.6	50.5	23.7	16	41	114
25	1”	25	33.7	2.0	50.5	29.7	19	44	129
40	1 1/2”	40	48.3	2.0	64.0	44.3	28	60	161
DIN 32676 A with pipe DIN 11850 2									
10	3/8”	15	13.0	1.5	34.0	10.0	8	25	110
15	1/2”	15	19.0	1.5	34.0	16.0	12	29	110
20	3/4”	20	23.0	1.5	34.0	20.0	16	33	119
25	1”	25	29.0	1.5	50.5	26.0	19	44	129
40	1 1/2”	40	41.0	1.5	50.5	38.0	28	53	161
ASME BPE									
8	1/4”	8	6.35	0.89	25.0	4.57	6	18	64
10	3/8”	8	9.53	0.89	25.0	7.75	6	18	89
15	1/2”	8	12.70	1.65	25.0	9.4	9	22	89
15	1/2”	15	12.70	1.65	25.0	9.4	8	21	89
20	3/4”	20	19.05	1.65	25.0	15.75	16	29	102
25	1”	25	25.40	1.65	50.5	22.1	19	44	114
40	1 1/2”	40	38.10	1.65	50.5	34.8	28	53	140

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Technical data, tube body

Body label



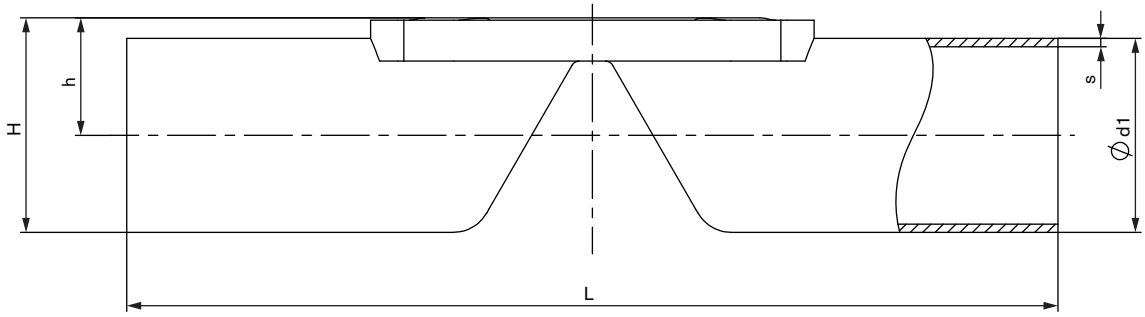
Kv values

Port Connection DN		Diaphragm size	Kv value [m³/h]		
[mm]	[inch]		DIN EN ISO 1127 ISO 4200 DIN 11866 B	DIN 11850 2 DIN 11866 A	ASME BPE DIN 11866 C
8	1/4"	8	2.1		-
10	3/8"	8		2.1	
15	1/2"	8	-		2
		15	6.7	6.5	-
20	3/4"	15	-	6.5	6.5
		20	13		-
25	1"	20	-	14	12.5
		25	17.5		-
32	1 1/4"	25		20	-
		32	36		-
40	1 1/2"	32	-	35	30
		40	47	-	-
50	2"	40	-	44	40

Flow rate: Kv value water [m³/h]: Measured at +20 °C, 1 bar pressure at valve inlet and free outlet.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Dimensions [mm] tube body - weld end



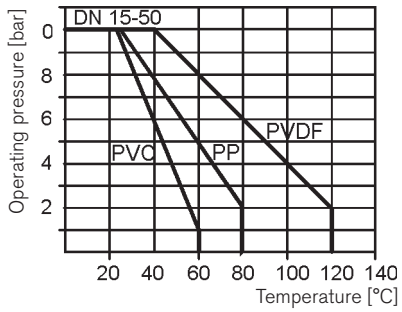
Port Connection DN [inch]	[mm]	Diaphragm Size	ØD1 [mm]	s [mm]	h [mm]	H [mm]	L [mm]
ASME BPE / DIN 11866 RC							
1/2"	15	8	12.7	1.65	9.5	15.8	90
3/4"	20	15	19.05	1.65	13.2	22.8	117
1"	25	20	25.4	1.65	16.4	29.1	127
1 1/2"	40	32	38.1	1.65	23.0	42.0	159
2"	50	40	50.8	1.65	30.6	56.0	190
DIN EN ISO 1127 / ISO 4200 / DIN 11866 RB							
1/4"	8	8	13.5	1.6	9.9	16.6	90
1/2"	15	15	21.3	1.6	14.4	25.0	110
3/4"	20	20	26.6	1.6	17.2	30.5	119
1"	25	25	33.7	2.0	20.6	37.4	129
1 1/4"	32	32	42.4	2.0	25.1	46.3	148
1 1/2"	40	40	48.3	2.0	29.4	53.5	161
DIN 11850 2 / DIN 11866 A							
3/8"	10	8	13	1.5	9.9	16.4	90
1/2"	15	15	19	1.5	13.2	22.7	110
3/4"	20	15	23	1.5	15.2	26.7	119
1"	25	20	29	1.5	18.2	32.7	129
1 1/4"	32	25	35	1.5	21.2	38.7	148
1 1/2"	40	32	41	1.5	24.4	44.9	161
2"	50	40	53	1.5	31.7	58.2	192

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Technical data - plastic body

Pressure-temperature chart

DN 15-50



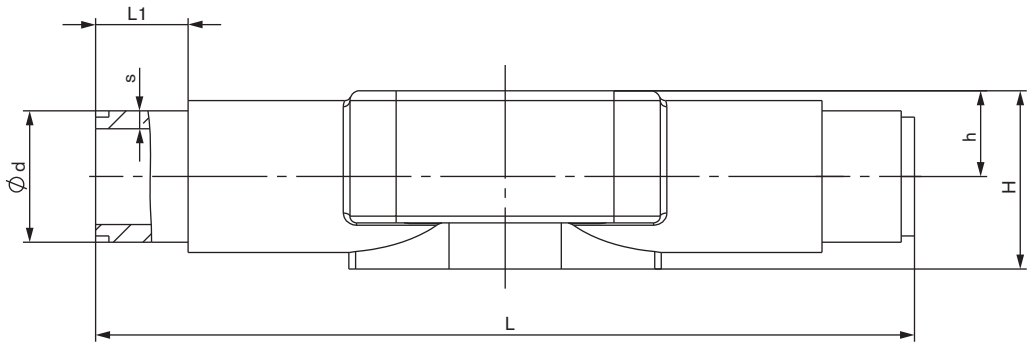
Kv values

Port Connection DN [mm]	[inch]	Diaphragm size	Kv value [m³/h]
15	1/2"	15	3.5
20	3/4"	20	7
25	1"	25	11
32	1 1/4"	32	18
40	1 1/2"	40	26

Flow rate: Kv value water [m³/h]: Measured at +20 °C, 1 bar pressure at valve inlet and free outlet.

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

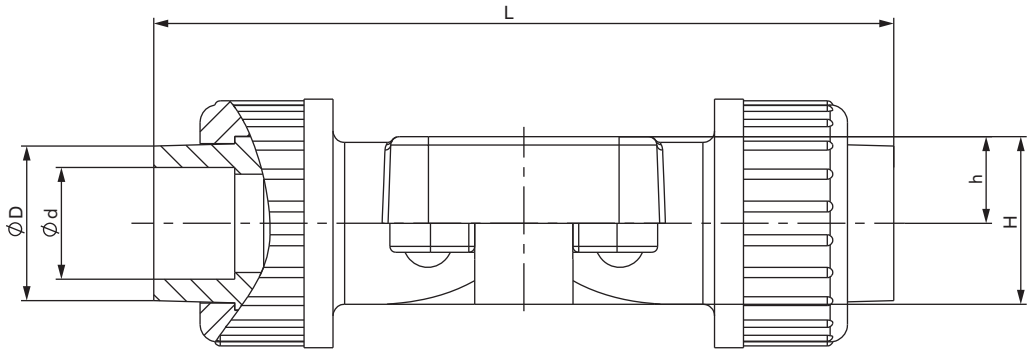
Dimensions [mm] plastic body - weld end and solvent socket



PVC - solvent socket								
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	s [mm]	h [mm]	H [mm]	L [mm]	L1 [mm]
1/2"	15	15	20	2.75	15	29	124	16
3/4"	20	20	25	3.0	18.5	36	144	19
1"	25	25	32	3.75	22	43	154	22
1 1/4"	32	32	40	4.5	27	52.5	174	26
1 1/2"	40	40	50	6.0	33	65.5	194	31
PVDF - weld end								
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	s [mm]	h [mm]	H [mm]	L [mm]	L1 [mm]
1/2"	15	15	20	2.35	15	29	124	19
3/4"	20	20	25	2.55	18.5	36	144	21
1"	25	25	32	3.2	22	43	154	23
1 1/4"	32	32	40	3.9	27	52.5	174	25
1 1/2"	40	40	50	5.2	33	65.5	194	28
PP - weld end								
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	s [mm]	h [mm]	H [mm]	L [mm]	L1 [mm]
1/2"	15	15	20	2.7	15	29	124	14
3/4"	20	20	25	2.95	18.5	36	144	16
1"	25	25	32	3.7	22	43	154	18
1 1/4"	32	32	40	4.45	27	52.5	174	20
1 1/2"	40	40	50	5.95	33	65.5	194	23

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Dimensions [mm] plastic body - true union



PVC true union (solvent)							
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	ØD [mm]	h [mm]	H [mm]	L [mm]
1/2”	15	15	20	27	15	29	128
3/4”	20	20	25	33	18.5	36	152
1”	25	25	32	41	22	43	166
1 1/4”	32	32	40	48	27	52.5	192
1 1/2”	40	40	50	59	33	65.5	222
PVDF true union (weld)							
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	ØD [mm]	h [mm]	H [mm]	L [mm]
1/2”	15	15	20	28	15	29	128
3/4”	20	20	25	36	18.5	36	150
1”	25	25	32	42	22	43	162
1 1/4”	32	32	40	53	27	52.5	184
1 1/2”	40	40	50	59	33	65.5	210
PP true union (weld)							
Port Connection DN [inch]	[mm]	Diaphragm Size	Ød [mm]	ØD [mm]	h [mm]	H [mm]	L [mm]
1/2”	15	15	20	27	15	29	128
3/4”	20	20	25	36	18.5	36	150
1”	25	25	32	41	22	43	162
1 1/4”	32	32	40	53	27	52.5	184
1 1/2”	40	40	50	59	33	65.5	210

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

bürkert

Note
You can fill out the fields directly in the PDF file before printing out the form.

Valve system – request for quotation

Please fill out and send to your nearest Bürkert office* with your inquiry or order

Company:	Contact person:
Customer no.:	Department:
Address:	Tel./Fax.:
Postcode/town:	E-Mail:

■ = mandatory fields to fill out **Quantity:** **Required delivery date:**

Operating data

Pipe line DN PN

Pipe Material

■ Process medium

■ Type of medium ☐ Liquid ☐ Steam ☐ Gas

Valves features

Body material ☐ Forged stainless steel ☐ Stainless steel tube ☐ PVC ☐ PP ☐ PVDF

Inner surface ☐ Electropolished Ra ≤ 0.38 µm (ASME BPE SF4) ☐ Mech. polished Ra ≤ 0.5 µm (ASME BPE SF1) ☐ Not relevant

Port connection size please state required size

Port connections Stainless steel

Weld ends
- ☐ ASME BPE/DIN DIN 11866 C
- ☐ DIN EN ISO 1127/ISO 4200/DIN11866 B
- ☐ DIN 11850 2/DIN11866 A
- ☐ BS4825
- ☐ SMS 3008
- ☐ DIN 11850 0

Clamp
- ☐ ASME BPE
- ☐ DIN 32676 A (with pipe DIN 11850 2)
- ☐ DIN 32676 B (with pipe ISO 4200)

Plastic
- ☐ True union (solvent)
- ☐ true union (weld)
- ☐ weld ends
- ☐ solvent sockets

Diaphragm size please state required size

Diaphragm material ☐ EPDM (AB) ☐ PTFE/EPDM (EA) ☐ EPDM (AD) ☐ advanced PTFE/EPDM (EU) ☐ Gylon®/EPDM laminated (ER) ☐ FKM (FF)

Approvals ☐ FDA ☐ EC-Regulation 1935/2004/EC ☐ USP Class VI ☐ EHEDG

Reset

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017

Valve system – request for quotation, continued

Control unit features

Communication

- ☐ Binary
  - ☐ 1 binary IN
  - ☐ 1 binary OUT
- ☐ Digital
  - ☐ Ethernet/IP
  - ☐ Profinet
  - ☐ Modbus TCP

Electrical connection

- ☐ Cable gland (without Fieldbus)
- ☐ Multipole

SIM card

- ☐ with
- ☐ without

Accessories

- ☐ Mounting bracket (for diaphragm size 8 included in delivery)
- ☐ Bürkert communicator - for more information visti (www.burkert.com)

Certifications

- ☐ Test Report 2.2 acc. to EN 10204 (Item-No. 803 722)
- ☐ Inspection Certificate 3.1 acc. to EN 10204 - Material Test Report (included in delivery)
- ☐ Inspection Certificate 3.1 acc. to EN 10204 - Surface Roughness Measurement (Item- No. 804175)
- ☐ FDA and USP compliance

Please specify item no. (if known)**:**

Comments

Reset

DTS 1000303513 EN Version: C Status: RL (released | freigegeben | validé) printed: 25.04.2017