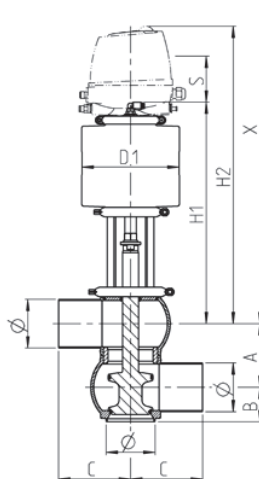













Technical data of the standard version

Recommended flow direction	Product-merging
Material in contact with the product	1.4404 (AISI 316L)
Material not in contact with the product	1.4301 (AISI 304)
Seal material in contact with the product	EPDM, FKM, HNBR
Ambient temperature	0 to 45 °C
Air supply pressure	6 bar (87 psi)
Product pressure	5 bar (73 psi)
Surface in contact with the product	$R_a \leq 0.8 \mu\text{m}$
External housing surface	Matte blasted
Control and feedback system	Connection 0 (without control top)
Actuator type	Pneumatic actuator air/spring
Connection fittings	Welding end
Identification	Adhesive ID tag
Valve seat version	Welded seat ring

Certificates



	Pipe	Housing			Actuator	Dimensions			Valve	
Nominal width	Ø [mm]	A [mm]	B [mm]	C [mm]	D1 [mm]	H1 [mm]	H2 [mm]	Extension X [mm]	Stroke S [mm]	Weight [kg]
DN 25	29.0 × 1.50	50.0	31	90	99	294	423	583	20	8
DN 40	41.0 × 1.50	62.0	39	90	110	335	464	624	30	11
DN 50	53.0 × 1.50	74.0	41	90	110	341	470	630	30	11
DN 65	70.0 × 2.00	96.0	52	125	135	382	511	796	30	19
DN 80	85.0 × 2.00	111.0	60	125	135	390	519	804	30	20
DN 100	104.0 × 2.00	130.0	70	125	170	399	528	813	30	27
OD 1"	25.4 × 1.65	46.0	29	90	99	292	421	581	20	8
OD 1 ½"	38.1 × 1.65	59.0	39	90	110	337	466	626	27	11
OD 2"	50.8 × 1.65	71.5	42	90	110	343	472	632	28	11
OD 2 ½"	63.5 × 1.65	90.0	54	125	135	386	515	800	25	19
OD 3"	76.2 × 1.65	103.0	54	125	135	393	522	807	30	19
OD 4"	101.6 × 2.11	127.5	69	125	170	401	530	815	28	27

Position	Description of the order code for the standard version		
1	Valve type		
	W VARIVENT® divert valve		
2	Housing combinations		
			
3	Supplement to the valve type		
	R Radial sealing		
4/5	Nominal width (upper housing / lower housing)		
	DN 25	OD 1"	
	DN 40	OD 1 ½"	
	DN 50	OD 2"	
	DN 65	OD 2 ½"	
	DN 80	OD 3"	
	DN 100	OD 4"	
6	Actuator type		
	S Air/Spring		
7	Non-actuated position		
	Z Spring-to-close (NC)		
	A Spring-to-open (NO)		
8	Standard configuration with 6 bar air supply pressure for 5 bar product pressure (higher pressures on request)		
	Actuator (spring-to-close)	Actuator (spring-to-open)	For nominal widths
	AA	AA	DN 25, OD 1"
	CB	CB	DN 40, DN 50, OD 1 ½", OD 2"
	DD	DD	DN 65, DN 80, OD 2 ½", OD 3"
	EF	EF	DN 100, OD 4"
9	Valve seat version (upper housing / lower housing)		Housing combination
	V0	Welded seat ring/ Port orientation 0°	 
	V1	Welded seat ring/ Port orientation 90°	 
	V2	Welded seat ring/ Port orientation 180°	 
	V3	Welded seat ring/ Port orientation 270°	 
10	Seal material in contact with the product		
	1 EPDM (FDA)		
	2 FKM (FDA)		
	3 HNBR (FDA)		
11	Surface quality of the housing		
	2 Inside R _a ≤ 0.8 µm, outside matte blasted		
12	Connection fittings		
	N Welding end		
13	Accessories		
	/52 Adhesive ID tag		
+			
14–19	Air connection / Control and feedback system		
	00000M Metric for air hose Ø 6/4 mm		
	00000Z Inch for air hose Ø OD ¼" (6.35/4.35 mm)		
	XXXXXX Order code for different control and feedback systems see section 10		

The code is composed as following, depending on the chosen configuration:

Position	1	2	3	4/5	6	7	8	9	10	11	12	13	14 to 19
Code	W		R	- /	- S		-		-	2	N	/52	+

For order codes differing from the standard version, please refer to section 8 (options).