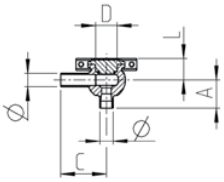
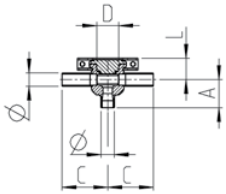
The in-line housing, usually with double vertical ports, permits hygienic holding of up to two in-line measurement and control instruments free of dead-zones via process connections

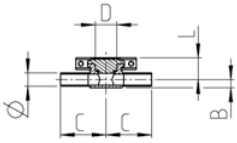
Technical data of the standard version		
Material in contact with the product	DN 10–15, ISO	1.4435/AISI 316 L
	From DN 25, OD, IPS	1.4404/AISI 316 L
Seal material in contact with the product	EPDM, FKM, HNBR	
Product pressure	DN 10–65, OD 1"–2 ½", IPS 2", ISO 13.5–60.3	16 bar
	DN 80–150, OD 3"–6", IPS 3"–6", ISO 76.1–114.3	10 bar
Surface in contact with the product	DN, OD, ISO	Ra ≤ 0.8 µm
	IPS	Ra ≤ 1.2 µm
External housing surface	Matte blasted	
Connection fittings	Welding end	
Certificates		



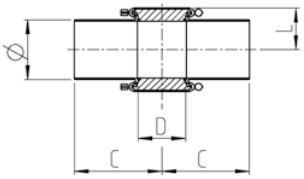
Housing design L



Housing design T



Housing design G



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			Pipe	Dimension				
Nominal width	Process connection	Housing design	Ø [mm]	A [mm]	B [mm]	C [mm]	D [mm]	L [mm]
DN 10	B	L, T, G	13.00 × 1.50	40	8.50	65.0	31	26.0
DN 15	B	L, T, G	19.00 × 1.50	40	11.50	65.0	31	29.0
DN 25	F	–	29.00 × 1.50	–	–	90.0	50	30.0
DN 40	N	–	41.00 × 1.50	–	–	90.0	68	36.0
DN 50	N	–	53.00 × 1.50	–	–	90.0	68	42.0
DN 65	N	–	70.00 × 2.00	–	–	125.0	68	50.0
DN 80	N	–	85.00 × 2.00	–	–	125.0	68	57.5
DN 100	N, G*	–	104.00 × 2.00	–	–	125.0	68*	67.0
DN 125	N, G*	–	129.00 × 2.00	–	–	125.0	68*	79.5
DN 150	N, G*	–	154.00 × 2.00	–	–	150.0	68*	92.0
OD 1"	F	–	25.40 × 1.60	–	–	90.0	50	28.0
OD 1 ½"	N	–	38.10 × 1.60	–	–	90.0	68	34.5
OD 2"	N	–	50.80 × 1.60	–	–	90.0	68	40.8
OD 2 ½"	N	–	63.50 × 1.60	–	–	125.0	68	47.0
OD 3"	N	–	76.20 × 1.60	–	–	125.0	68	53.5
OD 4"	N, G*	–	101.60 × 2.00	–	–	125.0	68*	65.8
OD 6"	N, G*	–	152.40 × 2.77	–	–	150.0	68*	92.0
IPS 2"	N	–	60.30 × 2.00	–	–	114.3	68	45.5
IPS 3"	N	–	88.90 × 2.30	–	–	152.4	68	59.5
IPS 4"	N, G*	–	114.30 × 2.30	–	–	152.4	68*	72.0
IPS 6"	N, G*	–	168.30 × 2.70	–	–	152.4	68*	98.0
ISO 13.5	B	L, T, G	13.50 × 1.60	40	8.35	65.0	31	25.5
ISO 17.2	B	L, T, G	17.20 × 1.60	40	11.50	65.0	31	27.5
ISO 21.3	B	L, T, G	21.30 × 1.60	40	13.50	65.0	31	29.5
ISO 33.7	F	–	33.70 × 2.00	–	–	114.3	50	32.0
ISO 42.4	N	–	42.40 × 2.00	–	–	114.3	68	36.3
ISO 48.3	N	–	48.30 × 2.00	–	–	114.3	68	39.3
ISO 60.3	N	–	60.30 × 2.00	–	–	114.3	68	45.5
ISO 76.1	N	–	76.10 × 2.00	–	–	152.4	68	53.5
ISO 88.9	N	–	88.90 × 2.30	–	–	152.4	68	59.5
ISO 114.3	N	–	114.30 × 2.30	–	–	152.4	68	72.0

* Process connection G only available with a sight glass. The dimension D is 123 mm.

Position	Description of the order code			
1	**VARINLINE® system**			
	T	VARINLINE® housings		
2	**Nominal width**			
	DN 10			ISO 13.5
	DN 15			ISO 17.2
	DN 25	OD 1"		ISO 21.3
	DN 40	OD 1 ½"		ISO 33.7
	DN 50	OD 2"	IPS 2"	ISO 42.4
	DN 65	OD 2 ½"		ISO 48.3
	DN 80	OD 3"	IPS 3"	ISO 60.3
	DN 100	OD 4"	IPS 4"	ISO 76.1
	DN 125			ISO 88.9
	DN 150	OD 6"	IPS 6"	ISO 114.3
3	**Housing design (only available for DN 10, DN 15, ISO 13.5, ISO 17.2 and ISO 21.3)**			
	L			
	T			
	G			
4	**Blanking plates**			
	0	Without blanking plate		
	1	With one blanking plate 1.4404/316 L		
	2	With two blanking plates 1.4404/316 L		
	3	With one blanking plate 1.4435 cert. 3.1		
	4	With two blanking plates 1.4435 cert. 3.1		
5	**Seal material**			
	1	EPDM (FDA)		
	2	FKM (FDA)		
	3	HNBR (FDA)		
	4	FFKM (FDA)		
	5	PTFE (FDA)		
6	**Surface quality of the housing**			
	1	Inside Ra ≤ 1.2 µm, outside matte blasted (IPS)		
	2	Inside Ra ≤ 0.8 µm, outside matte blasted (DN, ISO, OD)		
7	**Certificates**			
	K	Without		
	A	Inspection certificate 3.1/AD2000W2 according to EN10204		
	M	EN 10204 test report 2.2 and inspection certificate 3.1		
	W	EN 10204 test report 2.2		
	Z	EN 10204 inspection certificate 3.1		
8	**Language of the documentation**			
	D	German		
	E	English		
9	**Number of documentation**			
	1	Single documentation		
	…	The number of documentations corresponds to their entered number		
10	**Connection fittings**			
	N	Welding end		
11	**Material of the housing**			
	1.4404	1.4404/AISI 316 L		
	1.4435*	1.4435/AISI 316 L		
12	**Options**			
	See section options			

* Standard material in the housings of the nominal width DN 10, DN 15 and ISO.
Optionally also available in the metric housings up to DN 125 and OD 4".

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

Position	1	2	3		4	5	6	7	8	9	10	11	12
Code	T			-							N		

For order codes differing from the standard version, please refer to section 7 (options).