



Industry

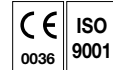
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25 years of experience

- Own engineering & testing departments.
- Inside manufacturer certified workshop (safety valves setting and certification).
- ISO 9001 : 2008 & ATEX certifications.



■ Bronze



681 / 682

97/23/EC Directive N°0036 - Risk category I / module A - CC491K body - EPDM tightness - Stainless steel strainer - Stainless steel seat up to 1"1/4, bronze seat above - For clean fluids - Downstream setting range: 1 to 8 bar - PS: 25 bar for threaded female & male union; PS: 16 bar for flanged PN16 - TS: -10°C/+95°C - Supplied with pressure gauge(s) - Not for gas of group 1.



Threaded female

Ø	face to face (mm)	weight (kg)	code
1/2"	85	1,20	246842
3/4"	95	1,30	246843
1"	105	2,40	246844



Male union

Ø	face to face (mm)	face to face with fittings (mm)	weight (kg)	code
1/2"	80	142	1,20	246812
3/4"	90	158	1,30	246813
1"	100	180	2,40	246814
1"1/4	105	193	2,60	246815
1"1/2	130	226	5,50	246816
2"	140	252	6,00	246817

Flanged PN16



DN	face to face (mm)	weight (kg)	max. flow (m³/h)	code
20	150	4,2	10	246823
25	160	4,7	16	246824
32	180	5,9	18	246825
40	200	8,6	20	246826
50	230	10,5	27	246827
65*	290	20	60	246828
80	310	22	68	246829
100	350	40	102	246830

* 4 hole flanges.

not on stock, on request.

HIGH PRESSURE



684 - High pressure

97/23/EC Directive N°0036 - Risk category II - CC499K body - FKM tightness - Brass inner parts - PS: 60 bar - TS: -10°C/+120°C - Downstream setting range: 0,5 to 15 bar with membrane; 5 to 30 & 10 to 50 bar with piston - Supplied with pressure gauge - For all compatible fluids.

Ø	face to face (mm)	weight (kg)	Downstream pressure		
			0,5 - 15 bar	5 - 30 bar / 10 - 50 bar	
			code	code	code
1/4"	68	1,2	246900	246920	246940
3/8"	68	1,2	246901	246921	246941
1/2"	68	1,2	246902	246922	246942
3/4"	78	2,8	246903	246923	246943
1"	102	15,3	246904	246924	246944
1"1/2	136	9,4	246905	246925	246945
2"	136	10,2	246906	246926	246946

not on stock, on request.

■ Cast iron



2420 - BFR - Coaxial

Epoxy-coated cast iron body - Brass & bronze inner parts - NBR tightness - Flanged RF PN16 - PS: 16 bar - TS: -10°C/+80°C - Downstream pressure adjustable with screw - Supplied with pressure gauge - For water - WRAS certificate available up to DN100.

DN	Kv (m³/h)	face to face (mm)	weight (kg)	Downstream pressure	
				1 - 7 bar	4 - 12 bar
				code	code
50	64	190	12	2420050SE	2421050SE
65*	89	210	14	2420065SE	2421065SE
80	119	225	19	2420080SE	2421080SE
100	222	255	26	2420100SE	2421100SE
125	333	285	37	2420125	2421125
150	470	315	50	2420150	2421150
200	854	420	94	2420200	2421200SE
250	1367	470	152	2420250	2421250SE
300	1880	530	202	2420300	2421300SE

* 4 hole flanges.

not on stock, on request.

Stainless steel

CF8M body - Supplied with stainless steel pressure gauge indicating the downstream pressure.



2430 - LPRV - Low pressure

FKM seat - PS: 10 bar - TS: -15°C/+80°C - For all compatible clean fluids.

Downstream pressure

Ø	face to face (mm)	weight (kg)	0,2 - 1,5 bar	
			code	
1/2"	70	0,80	243001	
3/4"	85	1,00	243011	
1"	90	1,05	243021	
1"1/2	115	2,30	243031	
2"	120	2,50	243041	



2441 - PRV-W

EPDM seat - PS: 16 bar - TS: -15°C/+80°C - For potable water.

Downstream pressure

Ø	face to face (mm)	weight (kg)	1 - 6 bar	
			code	
1/2"	70	0,80	244101	
3/4"	85	1,00	244111	
1"	90	1,05	244121	



2440 - PRV

FKM seat - PS: 16 bar - TS: -15°C/+100°C - For all compatible clean fluids.

Threaded

Downstream pressure

Ø	face to face (mm)	weight (kg)	1 - 6 bar 4 - 10 bar 8 - 13 bar		
			code	code	code
1/2"	70	0,80	244001	244002	244003
3/4"	85	1,00	244011	244012	244013
1"	90	1,05	244021	244022	244023
1"1/2	115	2,30	244031	244032	244033
2"	120	2,50	244041	244042	244043



Flanged PN16

Downstream pressure

DN	face to face (mm)	weight (kg)	1 - 6 bar 4 - 10 bar	
			code	code
15	155	2	245001	245002
20	155	3	245011	245012
25	155	5	245021	245022
40	192	8	245031	245032
50	195	12	245041	245042
65	210	16	245051	245052
80	225	18	245061	245062
100	250	25	245071	245072

not on stock, on request.



2442 - PRV

FKM seat - PS: 16 bar - TS: -15°C/+100°C - For all compatible clean fluids.

Downstream pressure

Ø	face to face (mm)	weight (kg)	1 - 6 bar	
			code	
1/2"	70	0,80	244201	
3/4"	85	1,00	244211	
1"	90	1,05	244221	

F316 body - Supplied with upstream & downstream pressure gauges.



HIGH PRESSURE

PRU - 240 bar

PFA gasket - Max. upstream pressure: 3500 psi / 240 bar - TS: -40°C/+175°C - For gas.

Ø	downstream pressure	Kv (m³/h)	code
1/4"	1 - 50 psi 0,07 - 3,4 bar	0,051	2420001
1/4"	3 - 250 psi 0,2 - 17 bar	0,051	2420002
1/4"	5 - 500 psi 0,35 - 34 bar	0,051	2420003
1/2"	2 - 150 psi 0,15 - 10 bar	0,85	2420011
1/2"	3 - 250 psi 0,2 - 17 bar	0,85	2420012
1/2"	5 - 500 psi 0,35 - 34 bar	0,85	2420013



PRU - 400 bar

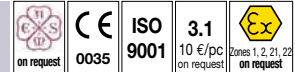
PEEK gasket for 1/4", PCTFE seat for 1/2" - Max. upstream pressure: 6000 psi / 400 bar - TS: -25°C/+75°C - For liquids.

Ø	downstream pressure	Kv (m³/h)	code
1/4"	0 - 2500 psi 0 - 170 bar	0,05	2420022
1/2"	0 - 2500 psi 0 - 170 bar	0,17	2420032SE



Threaded

97/23/EC Directive N°0035 - Risk category IV / module H1 - Testing device - D type: all common fluids / F type: compressed air / G type: gas & liquids - Min. setting pressure: 0,3 bar - Standard settings 0,5 to 12 bar (every 0,5 bar): on stock - Mandatory certificate 5 €/pc included in price.



⚠ For settings above 12 bar please consult for price & delivery time.

2800 - Brass - Free outlet

CW614N body (stainless steel on request) - FKM seat - TS: -20°C/+200°C.

COMPRESSED AIR



inlet Ø	ref.	max. setting pressure (bar)	code
1/4"	D7	60	28000
3/8"	D10	60	28001
1/2"	D10	60	28002
3/4"	D14	30	28003
1"	F18	21	28004
1"1/4	F25	30	28005
1"1/2	F32	14	28006
2"	F40	30	28007

LIQUIDS



2871 - Brass - Pipe outlet

CW614N body - FKM seat - TS: -20°C/+200°C.

inlet Ø	outlet Ø	ref.	max. setting pressure (bar)	code
1/4"	1/2"	D7/C	60	28710
3/8"	3/4"	D10/C	60	28711
1/2"	3/4"	D10/C	60	28712
3/4"	1"	G14	60	28713
1"	1"	G14	60	28714
1"1/4	1"1/4	G20	60	28715
1"1/2	1"1/2	G25	60	28716
2"	1"1/2	G32	14	28717

2851 / 2858 - Brass - Pipe outlet & lever

CW614N body (stainless steel on request) - Standard settings 0,5 to 15 bar (every 0,5 bar): on stock.

STEAM



inlet Ø	outlet Ø	ref.	max. setting pressure (bar)	up to 6 bar	
				code	code
1/2"	1"	G10/L	30	28512	28582
3/4"	1"	G14/L	60	28513	28583
1"	1"1/4	G20/L	60	28514	28584
1"1/4	1"1/4	G20/L	60	28515	28585
1"1/2	1"1/2	G25/L	60	28516	28586
2"	2"	G40/L	14	28517	28587

FKM + PTFE seat 165°C saturated steam KALREZ seat 200°C saturated steam

PROCESS



2885 - Stainless steel - Pipe outlet

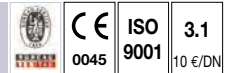
F316 body - PTFE seat (other seats on request) - TS: -196°C/+250°C.

inlet Ø	outlet Ø	ref.	max. setting pressure (bar)	code
3/8"	3/4"	D10/C	60	28851
1/2"	3/4"	D10/C	60	28852
3/4"	1"	G14	30	28853
1"	1"	G14	60	28854
1"1/4	1"1/4	G20	60	28855
1"1/2	1"1/2	G25	60	28856
2"	1"1/2	G32	14	28857

not on stock, on request.

Flanged

97/23/EC Directive - Risk category IV / module B+D - Bureau Veritas marine & offshore approval - Full lift - Stainless steel trim - Hardened seat & superfinished disc - Closed bonnet - Watertight cap - Testing lever - For steam, gas & liquids - Min. setting pressure: 0,5 bar - Mandatory certificate 14 €/pc included in price. ⚠ Additional delivery time for setting.



6301 - Cast iron - Flanged PN16

TÜV SV 96.894 approval - Flange connections: inlet RF PN16 / outlet RF PN10/16 - GG25 body - TS: -10°C/+200°C.



inlet DN	outlet DN	max. setting pressure (bar)	code
20	32	16	250120
25	40	16	250125
32	50	16	250132
40	65	16	250140
50	80	16	250150
65*	100	16	250165
80	125	16	250180
100	150	16	250190
125	200	12,5	250191
150	250	10	250192

* 4 hole flanges.

6301 S - Ductile iron - Flanged PN40

UDT certification - Flange connections: inlet RF PN40 / outlet PN10/16 - GGG40 body - TS: -10°C/+350°C.



inlet DN	outlet DN	max. setting pressure (bar)	code
20	32	40	250220
25	40	40	250225
32	50	40	250232
40	65	32	250240
50	80	32	250250
65	100	32	250265
80	125	25	250280
100	150	20	250290

6301 W - Cast iron - Flanged PN16

Same as 6301, except: EPDM tightness & TS: -10°C/+120°C.

WATER



inlet DN	outlet DN	max. setting pressure (bar)	code
20	32	10	250420
25	40	10	250425
32	50	10	250432
40	65	10	250440
50	80	10	250450
65	100	10	250465
80	125	10	250480
100	150	10	250490
125	200	10	250491
150	250	10	250492

6302 - Carbon steel - Flanged PN40

TÜV SV 96.894 approval - Flange connections: inlet RF PN40 / outlet PN10/16 - 1.0619 carbon steel body - TS: -10°C/+300°C.



inlet DN	outlet DN	max. setting pressure (bar)	code
20	32	40	250520
25	40	40	250525
32	50	40	250532
40	65	32	250540
50	80	32	250550
65	100	32	250565
80	125	25	250580
100	150	20	250590
125	200	12,5	250591
150	250	10	250592

not on stock, on request.

■ Angle



Products excluded from 97/23/EC Directive risk category IV (not a safety device) - Pre-set pressure: 10 €/pc - Proportional opening - Adjustable pressure setting - Tight setting screw - PS: 20 bar.



617 N - Bronze - NBR seat

CC499K body - TS: -30°C/+130°C.

Upstream pressure

inlet Ø	0,5 - 2,5 bar	2 - 12 bar
	code	code
3/8"	289201	289211
1/2"	289202	289212
3/4"	289203	289213
1"	289204	289214
1"1/4	289205	289215
1"1/2	289206	289216
2"	289207	289217



617 P - Bronze - PTFE seat

CC499K body - TS: -60°C/+225°C.

Upstream pressure

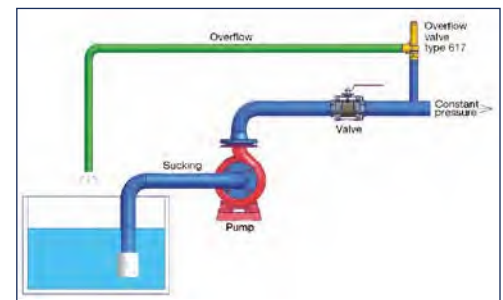
inlet Ø	0,5 - 2,5 bar	2 - 12 bar	12 - 20 bar
	code	code	code
3/8"	289251	289261	289271
1/2"	289252	289262	289272
3/4"	289253	289263	289273
1"	289254	289264	289274
1"1/4	289255	289265	289275
1"1/2	289256	289266	289276
2"	289257	289267	289277

417 F - Stainless steel - FKM seat

CF8M body (PTFE seat on request) - TS: -20°C/+200°C.

Upstream pressure

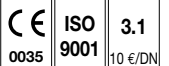
Ø	0,5 - 2,5 bar	2 - 12 bar
	code	code
3/8"	289301	289311
1/2"	289302	289312
3/4"	289303	289313
1"	289304	289314
1"1/4	289305	289315
1"1/2	289306	289316
2"	289307	289317



■ Straight



Products excluded from 97/23/EC Directive risk category IV (not a safety device) - Pre-set pressure: 10 €/pc - CF8M body - FKM seat - For clean fluids - Supplied with a Ø 63 stainless steel pressure gauge indicating the upstream pressure - Horizontal mounting.



2480 / 2490 - BPV

PS: 16 bar - TS: -15°C/+100°C.

Threaded Upstream pressure

Ø	face to face (mm)	weight (kg)	1 - 5 bar	4 - 10 bar
			code	code
1/2"	70	0,80	248001	248002
3/4"	85	1,00	248011	248012
1"	90	1,05	248021	248022
1"1/4	115	2,30	248031	248032
2"	120	2,50	248041	248042



Flanged PN16

Upstream pressure

DN	face to face (mm)	weight (kg)	1 - 5 bar	4 - 10 bar
			code	code
15	155	2	249001	249002
20	155	3	249011	249012
25	155	5	249021	249022
40	190	8	249031	249032
50	195	12	249041	249042
65*	210	16	249051	249052
80	225	18	249061	249062
100	250	25	249071	249072



* 4 hole flanges.

2481 - LBPV - Low pressure

PS: 10 bar - TS: -15°C/+80°C.

Upstream pressure

Ø	face to face (mm)	weight (kg)	0,2 - 1,5 bar
			code
1/2"	70	0,80	248100
3/4"	85	1,00	248110
1"	90	1,05	248120
1"1/2	115	2,30	248130
2"	120	2,50	248140



Vacuum & pressure valve

Excluded from 2014/68/EU Directive (art. 4, §3) - F316L body - FKM seat - TS: -10°C/+150°C.

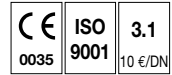
S98 - Stainless steel

DN	vacuum setting (bar)	pressure setting (bar)	code
1/2"	-0,05	+0,34	28904005



2470 - BFS - Cast iron - Coaxial

Flanged RF PN16 - Cast iron body, epoxy coated - Brass & bronze inner parts - NBR tightness - For clear water - PS: 16 bar - TS: -10°C/+80°C - Upstream pressure adjustable with screw - Supplied with pressure gauge - Horizontal mounting preferred - **⚠ Prohibited use for gas from group 1.**



Upstream pressure range

DN	Kv (m³/h)	face to face (mm)	weight (kg)	Upstream pressure range	
				0,3 - 4 bar code	2 - 8 bar code
50	64	190	12	2470050	2471050
65*	89	210	14	2470065	2471065
80	119	225	19	2470080	2471080
100	222	255	26	2470100	2471100
125	333	285	37	2470125	2471125
150	470	315	50	2470150	2471150
200	854	420	94	2470200	2471200
250	1367	470	152	2470250	2471250
300	1880	530	202	2470300	2471300

* 4 hole flanges.
not on stock, on request.

Hammer arresters

Excluded from 97/23/EC Directive - Not compatible with gases from group 1 - NBR membrane - Pressurizing valve - Setting pressure 2,5 bar - Peak pressure up to 21 bar - Horizontal or vertical mounting - TS: -15°C/+80°C.

ISO 9001

4510 - AIT - Bronze (BSP)

Bronze body - PS: 10 bar.



Ø	volume (cm³)	code
1/2"	17	451002SE
3/4"	30	451003SE
1"	65	451004SE
1"1/2	250	451006SE
2"	650	451007SE

4515 - AIT - Stainless steel (BSP)

CF8M body - PS: 12 bar.



Ø	volume (cm³)	code
1/2"	17	451502
3/4"	30	451503
1"	65	451504
1"1/2	250	451506
2"	650	451507

4520 - AIF - Cast iron - Flanged PN16

GG25 body - With pressure gauge - PS: 12 bar.



DN	volume (cm³)	code
80	2465	452008
100	5535	452009

Spare pressure gauge for 4520 (BSP)

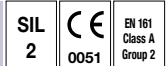
Stainless steel case - 1/8".

code
981680

Gas equipment

Automatic solenoid valves

Excluded from 97/23/EC Directive (art. 1,§1) - For natural gas & lpg - Normally closed - Aluminium body - Closing time < 1 s - IP65 coil - PS: 360 mbar - TS: -20°C/+60°C.



EVP - 360 mbar

Built-in filter cartridge 50 µm for DN65 to 100.

DN	face to face (mm)	230V AC		24V AC	
		power VA	code	power VA	code
(BSP)					
1/2"	70	30/9	092402M	27/7	092412M
3/4"	70	30/9	092403M	27/7	092413M
1"	70	55/16	092404B	45/11	092414B
1"1/4	160	55/16	092405B	47/13	092415B
1"1/2	160	55/16	092406B	47/13	092416B
2"	160	55/16	092407B	47/13	092417B
Flanged RF PN16					
50	230	55/16	092302M	47/13	092312M
65*	290	290/75	092303M	185/50	092313M
80	310	290/75	092304M	185/50	092314M
100	350	270/70	092305M	130/40	092315M

* 4 hole flanges.

EVPT - 360 mbar - Slow opening

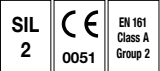
Adjustable opening time: 0,5 to 30 s.

DN	face to face (mm)	230V AC	
		power VA	code
(BSP)			
1/2"	70	54/18	092602M
3/4"	70	54/18	092603M
1"	70	54/18	092604B

Spare coils for EVP solenoid valves

DN	230V AC code	24V AC code	24V DC code
1/2"-3/4"	980967M	980968M	980970M
1"	980947M	980952M	980866M
1"1/4-2"	980948M	980953M	980963M
65-80	980949M	980954M	980964M
100	980950M	980955M	980965M

97/23/EC Directive N°0051 - 2009/142/EC - For methane, natural gas, lpg - Aluminium body - Closing time < 1 s - IP65 coil - PS: 6 bar - TS: -20°C/+60°C.



EV-6 - 6 bar

Normally closed.



DN	face to face (mm)	230V AC	
		power VA	code
(BSP)			
1/2"	70	30/9	092502M
3/4"	70	30/9	092503M
1"	70	30/9	092504M
1"1/4	160	55/15	092505M
1"1/2	160	55/15	092506M
2"	160	55/15	092507M
Flanged RF PN16			
65*	290	105/29	092508M
80	310	105/29	092509M
100	350	124/36	092510M

* 4 hole flanges.

EVA-6 - 6 bar

Normally open.



Ø	face to face (mm)	230V AC	24V AC	24V DC
		code	code	code
(BSP)				
1/2"	70	092652	092662	092672
3/4"	70	092653	092663	092673
1"	70	092654	092664	092674
1"1/4	160	092655	092665	092675
1"1/2	160	092656	092666	092676
2"	160	092657	092667	092677

Solenoid valves with manual resetting

97/23/EC Directive N°0497 - Risk category II / module D1 - Gas flow shut-off in case of lack of current - Manual reset - Normally closed - Aluminium body (except brass body for 1/2" to 1" for working pressure 6 bar) - TS: -20°C/+60°C - Built-in filter cartridge 50 µm for DN65 to 300 - IP 65 coil - Horizontal mounting solenoid coil on the top - Closing time < 1 s - Built-in short anti-disconnection device.



M14/RM / M16/RM - Gas (natural gas & lpg)



DN	face to face (mm)	Working pressure 500 mbar				Working pressure 6 bar			
		230V AC		24V AC		230V AC		24V AC	
		power VA	code	power VA	code	power VA	code	power VA	code
(BSP)									
1/2"	70	9	092802M	8	092812M	9	092102M	8	092122M
3/4"	70	9	092803M	8	092813M	9	092103M	8	092123M
1"	90	9	092804B	8	092814M	9	092104B	8	092124M
1"1/4	160	9	092805M	8	092815M	9	092105M	8	092125M
1"1/2	160	9	092806M	8	092816M	9	092106M	8	092126M
2"	160	9	092807M	8	092817M	9	092107M	8	092127M
Flanged RF PN16									
65*	290	18	092903M	20	092913M	18	092109M	20	092129M
80	310	18	092904M	20	092914M	18	092110M	20	092130M
100	350	18	092905M	20	092915M	18	092111M	20	092131M
125	480	18	092906M	20	092916M	18	092112M	20	092132M
150	480	18	092907M	20	092917M	18	092113M	20	092133M
200	600	18	092908M	20	092918M	18	092114M	20	092134M

* 4 hole flanges.

M14/RM / M16/RM - Biogas



DN	face to face (mm)	Working pressure 500 mbar			
		230V AC		24V AC	
		power VA	code	power VA	code
(BSP)					
1/2"	70	9	092802BIO	8	092812BIO
3/4"	70	9	092803BIO	8	092813BIO
1"	90	9	092804BIO	8	092814BIO
1"1/4	160	9	092805BIO	8	092815BIO
1"1/2	160	9	092806BIO	8	092816BIO
2"	160	9	092807BIO	8	092817BIO
Flanged RF PN16					
65*	290	18	092903BIO	20	092913BIO
80	310	18	092904BIO	20	092914BIO
100	350	18	092905BIO	20	092915BIO
125	480	18	092906BIO	20	092916BIO
150	480	18	092907BIO	20	092917BIO
200	600	18	092908BIO	20	092918BIO
300	737	18	092909BIO	20	092919BIO

* 4 hole flanges.

not on stock, on request.

Micro shutt-off anti-disconnection device

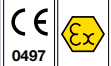
Used for 230V AC solenoid coil up to 50W - Only for our range - Protection 1 to 3 s depending on power.



code
045006

■ Pressure reducing valves with built-in filter

97/23/EC Directive N°0497 - Risk category II / module D1 - 90/396/EC according to EN 88-2 - ATEX cat. II 2G/D for zones 1, 2, 21 & 22 - Aluminium body - Upstream built-in filter 50 µm - Built-in pressure connections.



FRG 2MC - 1 bar

For non aggressive gases - PS: 1 bar - TS: -15°C/+60°C.



DN	face to face (mm)	max. flow (Nm³/h)	downstream pressure setting range (mbar)									
			range	code	range	code	range	code	range	code	range	code
(BSP)												
1/2"	120	19	9-28	094004M	18-40	094014M	40-110	094024M	110-150	094034M	150-200	094044M
3/4"	120	34	9-28	094005M	18-40	094015M	40-110	094025M	110-150	094035M	150-200	094045M
1"	120	53	9-28	094006M	18-40	094016M	40-110	094026M	110-150	094036M	150-200	094046M
1 1/4"	160	87	13-23	094007M	20-36	094017M	55-100	094027M	90-190	094037M	190-500	094047M
1 1/2"	160	136	13-23	094008M	20-36	094018M	55-100	094028M	90-190	094038M	190-500	094048M
2"	160	212	13-23	094009M	20-36	094019M	55-100	094029M	90-190	094039M	190-500	094049M
Flanged RF PN16												
65	290	358	13-27	094010M	22-58	094020M	50-130	094030M	110-200	094040M	200-600	094050M
80	310	543	13-27	094011M	22-58	094021M	50-130	094031M	110-200	094041M	200-600	094051M
100	350	848	15-27	094012M	27-55	094022M	50-130	094032M	130-200	094042M	200-600	094052M

not on stock, on request.

FRG 2MCS - 5 bar (BSP)

For non aggressive gases - Shut-off in case of upstream over-pressure or pressure drop - With air vent - PS: 5 bar - TS: -20°C/+60°C.



Ø	face to face (mm)	max. flow (Nm³/h)	downstream pressure setting range (mbar)	code
1/2"	120	90	20-30	094104M
3/4"	120	90	20-30	094105M
1"	120	90	20-30	094106M

■ Filters

97/23/EC Directive N°0497 - Risk category II / module D1 - 90/396/EC according to EN 126 - Impurities filtering - 50 µm filtering for 1/2" to DN100, 10 µm above - Aluminium body - FKM seat for biogas - Upstream pressure connection - PS: 2 bar or 6 bar - TS: -40°C/+70°C.



FM - Gas & biogas filter



DN	face to face (mm)	Gas		Biogas	
		PS 2 bar	PS 6 bar	PS 2 bar	PS 6 bar
		code	code	code	code
(BSP)					
1/2"	120	095004M	095104M	095004BIO	095104BIO
3/4"	120	095005M	095105M	095005BIO	095105BIO
1"	120	095006M	095106M	095006BIO	095106BIO
1 1/4"	160	095007M	095107M	095007BIO	095107BIO
1 1/2"	160	095008M	095108M	095008BIO	095108BIO
2"	160	095009M	095109M	095009BIO	095109BIO
Flanged RF PN16					
65*	290	095506M	095516M	095506BIO	095516BIO
80	310	095507M	095517M	095507BIO	095517BIO
100	350	095508M	095518M	095508BIO	095518BIO
125	480	095509B	095519B	095509BIO	095519BIO
150	480	095510B	095520B	095510BIO	095520BIO
200	600	095511M	095521M	095511BIO	095521BIO
300	737	095512M	095522M	095512BIO	095522BIO

* 4 hole flanges.

not on stock, on request.

■ Accessories

PGRF - Pressure switch

Aluminium body - Transparent plastic cover IP54 - Setting knob - Switch-off power 250V AC / 6A - 1/4" BSP threaded - Includes electric connector T30 - PS: 690 mbar - TS: 0°C/+85°C.



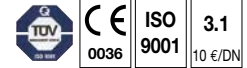
type	max. Δp (mbar)	code
5-150 mbar	≤ 5	436002N
100-500 mbar	≤ 15	436003N

CP - Stop punch

Solenoid shut-off valve - 3A-240V shut-off - IP66.



code
098301



Steam traps

■ Float

SK 51 - Ductile iron - PN16

Excluded from 97/23/EC Directive (art. 3 §3) - GGG40.3 body - Stainless steel mechanism - PS: 16 bar - TS: +250°C - Built-in thermostatic air eliminator - Horizontal mounting on stock - Vertical mounting on request (22 € additional).

Threaded (BSP)

Ø	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
1/2"	122	151040	151041	151042
3/4"	122	151050	151051	151052
1"	145	151060	151061	151062

Flanged RF PN16

DN	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
15	150	150915	150916	150917
20	150	150920	150921	150922
25	160	150925	150926	150927

SK 55 - Ductile iron - PN16 - Tempered sight glass

97/23/EC Directive n°0036 - Risk category I - GGG40.3 body - Stainless steel mechanism - Tempered borosilicate sight glass - PS: 16 bar - TS: +250°C - Built-in thermostatic air eliminator - Horizontal mounting on stock - Vertical mounting on request (22 € additional).



Flanged RF PN16

DN	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
32	230	151840	151841	151842
40	230	151850	151851	151852
50	230	151860	151861	151862

SK 40 - Ductile iron - PN16 - Closed free float

Excluded from 97/23/EC Directive (art. 3 §3) - GGG40.3 body - Stainless steel mechanism - PS: 16 bar - TS: +220°C - Built-in filter & thermostatic air eliminator - Horizontal mounting.

Threaded (BSP)

Ø	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
1/2"	120	150204	150208	150209
3/4"	120	150214	150218	150219
1"	120	150225	150228	150229

Flanged PN16

DN	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
15	150	150244	150248	150249
20	150	150254	150258	150259
25	160	150264	150268	150269

SK 70 - Carbon steel - PN25

Excluded from 97/23/EC Directive (art. 3 §3) - A216WCB body - Stainless steel mechanism - PS: 25 bar - TS: +250°C - Built-in thermostatic air eliminator - Horizontal mounting on stock - Vertical mounting on request (22 € additional).

Threaded (BSP)

Ø	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
1/2"	122	151460SE	151461	151462
3/4"	122	151465	151466	151467
1"	145	151470SE	151471	151472

Flanged RF PN25

DN	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
15	150	151480SE	151481	151482
20	150	151485SE	151486	151487
25	160	151490SE	151491	151492

SK 61 - Stainless steel - PN25

Excluded from 97/23/EC Directive (art. 3 §3) - CF8M body - Stainless steel mechanism - PS: 25 bar - TS: +250°C - Built-in air eliminator - Horizontal mounting on stock - Vertical mounting on request (22 € additional).

Threaded (BSP)

Ø	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
1/2"	122	151315	151316	151317
3/4"	122	151320	151321	151322
1"	145	151325	151326	151327

Flanged RF PN25

DN	face to face (mm)	Δp 4,5 bar	Δp 10 bar	Δp 14 bar
		code	code	code
15	150	151332	151333	151334
20	150	151340	151341	151342
25	160	151350	151351	151352

BT 16 - Cast iron - PN16 - Reversed open float

Excluded from 97/23/EC Directive (art. 3 §3) - GGG40 body - Stainless steel mechanism - PS: 16 bar - TS: +220°C - Built-in filter - Horizontal mounting.

Threaded (BSP)

Ø	face to face (mm)	Δp 5,4 bar	Δp 8,5 bar	Δp 15,5 bar
		code	code	code
1/2"	127	150504	150508	150512
3/4"	127	150514	150518	150522
1"	127	150524	150528	150532



Insulating jacket MI SK, see page 180

■ Thermostatic

TKK 2Y - Carbon steel

A105 body - Stainless steel mechanism - Built-in strainer - Thermostatic capsule in hastelloy and stainless steel - PS: 32 bar - Max. ΔP: 22 bar - TS: +250°C - Horizontal mounting.



Threaded (BSP)

Ø	face to face (mm)	code
1/2"	95	151504
3/4"	95	151505
1"	95	151506



Flanged RF PN40

DN	face to face (mm)	code
15	150	151615
20	150	151620
25	160	151625

TKK 42 - Stainless steel

F304 body - Built-in strainer - PS: 32 bar - Max. ΔP: 21 bar - TS: +240°C.



Threaded (BSP)

Ø	face to face (mm)	code
1/4"	65	152202
3/8"	65	152203
1/2"	65	152204
3/4"	65	152205
1"	65	152206

TKK 11 - Brass - Angle

CW617N body - Stainless steel mechanism - Built-in strainer - PS: 7 bar - TS: +200°C.



Threaded (BSP)

Ø	code
1/2"	152504



TKK 61 - Brass - Straight

CW617N body - Stainless steel mechanism - Built-in strainer - PS: 7 bar - TS: +200°C.

Threaded (BSP)

Ø	face to face (mm)	code
1/2"	76	152604

■ Bi-metallic

TK 1 - Carbon steel

A105 body - Stainless steel mechanism - Built-in strainer and check valve - Possible adjustment of discharge capacity and condensate temperature - PS: 32 bar - Max. ΔP: 22 bar - TS: +250°C - Horizontal or vertical mounting.



Threaded (BSP)

Ø	face to face (mm)	code
1/2"	95	153604
3/4"	95	153605
1"	95	153606



Flanged RF PN40

DN	face to face (mm)	code
15	150	154015
20	150	154020
25	160	154025

■ Thermodynamic

TDK 45 - Carbon steel

A105 body - Stainless steel mechanism - Built-in y-strainer - Downstream max. back pressure: 80% of the upstream pressure - PS: 32 bar - TS: +400°C - Horizontal mounting.



Threaded (BSP)

Ø	face to face (mm)	code
1/2"	95	153004
3/4"	95	153005
1"	95	153006



Flanged RF PN40

DN	face to face (mm)	code
15	150	153115
20	150	153120
25	160	153125

TDK 71 - Stainless steel

A743 body - Built-in y-strainer - Downstream max. back pressure: 80% of the upstream pressure - PS: 42 bar - TS: +400°C - Horizontal mounting.



Threaded (BSP)

Ø	face to face (mm)	code
1/2"	78	153304
3/4"	90	153305
1"	95	153306

Pressure reducing valves

BDV 25 - Ductile iron

For steam, compressed air & other gas - GGG40.3 body PN25 - Stainless steel mechanism - Built-in strainer - Locking device - PS: 17 bar - TS: +210°C - Max. flow ratio: 10/1 - Horizontal mounting.

ISO 9001 3.1
10 €/DN



Threaded (BSP) Downstream pressure range

Ø	face to face (mm)	Downstream pressure range		
		0,14 - 1,7 bar	1,4 - 4 bar	3,5 - 8,6 bar
1/2"	85	158041A	158042A	158043A
3/4"	98	158051A	158052A	158053A
1"	110	158061A	158062A	158063A

PRV-S - Stainless steel

CF8M body - FKM/PTFE tightness - PS: 9 bar - TS: +180°C - Supplied with Ø 63 dry pressure gauge indicating the downstream pressure.

ISO 9001 3.1
10 €/DN



Threaded (BSP) Downstream pressure range

Ø	face to face (mm)	weight (kg)	Downstream pressure range	
			1 - 6 bar	4 - 9 bar
1/2"	70	0,80	158101	158102
3/4"	85	1,00	158111	158112
1"	92	1,05	158121	158122



Flanged PN16 Downstream pressure range

DN	face to face (mm)	weight (kg)	Downstream pressure range	
			1 - 6 bar	4 - 9 bar
15	155	2	158301	158302
20	155	3	158311	158312
25	155	5	158321	158322

Separators



ISO 9001 3.1
10 €/DN



SPR 25 - Threaded

Excluded from 97/23/EC (art. 3, §3) - For steam & compressed air - F304 or carbon steel body - PS: 20 bar - TS: +250°C.



Ø	face to face (mm)	Ø event	Ø drainer	stainless steel	carbon steel
				code	code
1/2"	120	1/2"	1/2"	1560002	1560102
3/4"	150	1/2"	1/2"	1560003	1560103
1"	160	1/2"	1/2"	1560004	1560104

SPR 40 - Flanged PN40

97/23/EC Directive N°0036 - For steam & compressed air - Carbon steel body - Steam, PS: 32 bar / TS: +250°C - Compressed air, PS: 40 bar / TS: +20°C.



DN	face to face (mm)	Risk category	volume (l)	Ø event	Ø drainer	code
15	180	art. 3, §3	1,5	1/2"	1/2"	1560A015
20	230	art. 3, §3	2,9	1"	1/2"	1560A020
25	230	art. 3, §3	3,1	1"	1/2"	1560A025
32	250	II	5,2	1"	1/2"	1560A032
40	300	II	8,9	1"	1/2"	1560A040
50	310	II	9,7	1"	1/2"	1560A050
65	400	II	19,4	1 1/2"	3/4"	1560A065
80	450	III	34,3	1 1/2"	3/4"	1560A080
100	500	III	57,8	2"	1"	1560A100

Vacuum breakers

VK 70 - Brass - PN16

TS: +260°C - Air intake 1/8".

Ø	code
1/2"	981405



VK 71 - Stainless steel - PN25

TS: +400°C - Air intake 1/8".

Ø	code
1/2"	981400



ISO 9001

Air vents

PF 20 - Cast iron

PS: 10 bar - TS: +120°C.

Ø	code
3/4"	PF20



HA 62 - Stainless steel

CF8M body - Stainless steel mechanism - PS: 14 bar - TS: -10°C/+200°C.

Ø	code
3/4"	154810



ISO 9001

Air treatment

Aluminium body - Polycarbonate bowl - Bowl protection: reinforced fiberglass nylon - Standard filtration: 5 µm - Regulator accuracy: 0,2 bar - PS: 0,5 to 10 bar - TS: 0°C/+50°C

ISO 9001



1700 - UFR + UL

With pressure gauge & bracket.

Ø	code	
1/4"	170002	
3/8"	170003	
1/2"	170004	
3/4"	170005	
1"	170006	



1705 - UF + UR + UL

With pressure gauge & bracket.

Ø	code	
1/4"	170502	
3/8"	170503	
1/2"	170504	
3/4"	170505	
1"	170506	



1720 - Filter regulator UFR

With pressure gauge & bracket.

Ø	code	
1/4"	172002	
3/8"	172003	
1/2"	172004	
3/4"	172005	
1"	172006	



1721 - Filter UF 40 µm

With bracket.

Ø	code	
1/4"	172102	
3/8"	172103	
1/2"	172104	
3/4"	172105	
1"	172106	



1725 - Regulator UR

With pressure gauge & bracket.

Ø	code	
1/4"	172502	
3/8"	172503	
1/2"	172504	
3/4"	172505	
1"	172506	



1726 - Lubricator UL

With bracket.

Ø	code	
1/4"	172602	
3/8"	172603	
1/2"	172604	
3/4"	172605	
1"	172606	



1762 - Regulator R200

With pressure gauge Ø 40 - PS: 0,5 to 8 bar.

Ø	code	
1/4"	176202	



1727 - Condensate automatic drain with float AD 940

Ø	code	
1/2"	172704	

For compressed air or nitrogen - Low sensitivity to upstream pressure variations - PS: 10 bar - TS: -5°C/+60°C - Accuracy: ±0,5% - Supplied with pressure gauge & bracket.

ISO 9001



1764 - UR-P - Precision regulator

Ø	pressure gauge	code
1/4"	0,1 - 4 bar	176402
1/4"	0,05 - 2 bar	176412

Aluminium alloy body & bowl - Pressure range: 0,5-10 bar - Regulator accuracy: 0,2 bar - Standard filtration: 5 µm - Max. flow: 2080 l/mn for 1/4", 2100 l/mn for 3/8", 2600 l/mn for 1/2". PS: 10 bar - TS: -10°C/+60°C.

ISO 9001



1730 - NUFR + L

With pressure gauge & bracket.

Ø	code	
1/4"	173002	
3/8"	173003	
1/2"	173004	



1731 - NUFR

With pressure gauge & bracket.

Ø	code	
1/4"	173102	
3/8"	173103	
1/2"	173104	

1732 - NUF + R + L

With pressure gauge & bracket.

Ø	code	
1/4"	173202	
3/8"	173203	
1/2"	173204	



1733 - NUR regulator

With pressure gauge & bracket.

Ø	code	
1/4"	173302	
3/8"	173303	
1/2"	173304	

Filtration

Epoxy-coated aluminium body - Interior anti-corrosion treatment - Threaded connections - Clogging indicator pressure gauge - Automatic air vent with float - PS: 16 bar - TS: +5°C/+50°C.

ISO 9001



S-AIR - Filter with cartridge

filtration		pre-filtration grade X3 3 µm	micronic filtration grade X1 1 µm	submicronic filtration grade XA 0,01 µm	active carbon filtration grade XAC 0,003 mg/m ³
air quality acc. to ISO 8573.1		Class 3	Class 2	Class 1	Class 1
filtration medium		borosilicate microfibers			active carbon
initial head loss		0,03 bar	0,05 bar	0,09 bar	0,1 bar
Ø	flow at 7 bar (m ³ /h)	code	code	code	code
1/2"	82	178X302	178X102	178XA02	178XAC02
3/4"	127	178X303	178X103	178XA03	178XAC03
1"	212	178X304	178X104	178XA04	178XAC04
1 1/2"	549	178X306	178X106	178XA06	178XAC06
2"	828	178X307	178X107	178XA07	178XAC07
2"	1070	178X308	178X108	178XA08	178XAC08

not on stock, on request.

CAR - Cartridge for S-AIR



filtration		pre-filtration grade X3 3 µm	micronic filtration grade X1 1 µm	submicronic filtration grade XA 0,01 µm	active carbon filtration grade XAC 0,003 mg/m ³
Ø	flow at 7 bar (m ³ /h)	code	code	code	code
1/2"	82	178E12X3	178E12X1	178E12XA	178E12XAC
3/4"	127	178E18X3	178E18X1	178E18XA	178E18XAC
1"	212	178E30X3	178E30X1	178E30XA	178E30XAC
1 1/2"	549	178E80X3	178E80X1	178E80XA	178E80XAC
2"	828	178E105X3	178E105X1	178E105XA	178E105XAC
2"	1070	178E150X3	178E150X1	178E150XA	178E150XAC

not on stock, on request.

Drain valves



T-DRAIN - Programmable drain (BSP)

Built-in upstream filter - Opening frequency from 1 to 60 mn - Opening time: 2,4 or 6 s - Max. condensate flow: 32 l/h - Electric supply 230V AC - Supplied with connector - Upstream connection: 1/2" M - Downstream connection: 3/8" M & hose Ø10 - Test function - Horizontal or vertical mounting - PS: 16 bar - TS: +65°C.

max. flow (m ³ /h)			
compressor	dryer	filter	code
3600	7200	36000	420050



T20 - Temporisated drain (BSP)

Electric supply 230V AC - 2 m wire - Opening frequency: 0,5 to 45 mn - Opening time: 0,5 to 10 s - Upstream connection: 1/2" M - Downstream connection: 1/4" F - Built-in ball valves - Cleanable upstream filter - PS: 16 bar - TS: +90°C.

code
421020



LD100 - Compact capacitive drain (BSP)

Built-in tank with electronic float - Built-in filter - Electric supply 230V AC - Connector PG9 - Test function - Horizontal mounting - PS: 0,2-16 bar - TS: +60°C.

max. flow (m ³ /h)						maintenance set	
compressor	dryer	filter	upstream connection	downstream connection	code	code	
180	180	1800	1/2"-3/4"M	3/8"	420010	980250	



LOGI-DRAIN - Capacitive drain (BSP)

Built-in tank with electronic float - Built-in filter - Electric supplied LED - Drain LED - Dysfunction alarm - Electric supply 230V AC - Connector PG9 - Test function - Horizontal mounting only - PS: 0,2-16 bar - TS: +60°C.

max. flow (m ³ /h)						maintenance set	
compressor	dryer	filter	upstream connection	downstream connection	code	code	
378	756	3780	1/2"-3/4"M	3/8"M	420012	-	
450	900	4500	1/2"-3/4"M	3/8"M	420011	980250	
900	1800	9800	1/2"-3/4"M	3/8"M	420020	980251	
1800	3600	18000	1/2"-3/4"M	3/8"M	420022	980251	
9500	19000	95000	1/2"-3/4"M	3/8"M	420023	980252	

not on stock, on request.

Sight glasses

ISO 9001 **2210 - C 156 - Brass - With fins**
 CB754S body - Unidirectional use - Polycarbonate dome -
 Plastic fins - For polycarbonate compatible clear fluids -
 PS: 6 bar - TS: +10°C/+70°C.



Ø	face to face (mm)	code
1/2"	80	221004

ISO 9001 **2211 - C 158 - Brass - With ball**
 CB754S body - Moplen ball - Tempered glass -
 One-way horizontal use only -
 PS: 16 bar - TS: +5°C/+80°C.



Ø	face to face (mm)	code
1/2"	97	221104
3/4"	100	221105
1"	103	221106

CE **ISO 9001** **2215 - C 161 - Brass - Double glass with ball**
 CB754S body (1/2" to 1") - Bronze CC491K body (1"1/4 to 2") - Moplen ball - Double tempered glass -
 Horizontal mounting - PS: 16 bar - TS: +5°C/+80°C.



Ø	face to face (mm)	code
1/2"	95	221504
3/4"	100	221505
1"	107	221506
1"1/4	126	221507
1"1/2	137	221508
2"	170	221509

CE **ISO 9001** **2220 - SKT 6 - Cast iron - With flapper**
 GG20 body - F304 flapper - Double tempered glass -
 PS: 16 bar - TS: -10°C/+180°C.



Ø	face to face (mm)	code
1/2"	75	222004
3/4"	90	222005
1"	90	222006
1"1/4	120	222007
1"1/2	120	222008
2"	140	222009

CE **ISO 9001** **2225 - C 164 - Cast iron - With steady baffles - Flanged PN16**
 GG25 body - Double tempered glass -
 PS: 16 bar - TS: +5°C/+180°C.



DN	face to face (mm)	code
15	130	2225015
20	150	2225020
25	160	2225025
32	180	2225032
40	200	2225040
50	230	2225050
65*	290	2225065
80	310	2225080
100	350	2225091

* 4 hole flanges.

ISO 9001 **2230 - USV - Carbon steel - With steady baffles**
 A105 body & baffle - Double borosilicate glass -
 PS: 40 bar up to 3/4", 20 bar above - TS: +300°C.

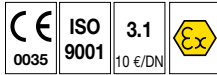


Ø	face to face (mm)	code
1/2"	90	223004
3/4"	90	223005
1"	100	223006

CE **ISO 9001** **2235 - USV - Carbon steel - With steady baffles - Flanged PN40**
 A105 body - Double borosilicate glass -
 PS: 40 bar up to DN20, 20 bar above -
 TS: +300°C.



DN	face to face (mm)	code
15	130	2235015
20	150	2235020
25	160	2235025
32	180	2235032
40	200	2235040



2240 - SKT 9 - Stainless steel - With flapper

CF8M body & flapper - Double tempered glass - One-way use only - Not for downward-flow - PS: 16 bar - TS: -20°C/+180°C.



Ø	face to face (mm)	code
1/2"	105	224004A
3/4"	105	224005A
1"	110	224006A
1"1/4	125	224007A
1"1/2	135	224008A
2"	170	224009A



2245 - SKB 2 - Stainless steel - With flapper - Flanged PN16

CF8M body & flapper - Double tempered glass - One-way use only - Not for downward-flow - PS: 16 bar - TS: -20°C/+180°C.



DN	face to face (mm)	code
15	130	2245015A
20	150	2245020A
25	160	2245025A
32	180	2245032A
40	200	2245040A
50	230	2245050A
65*	290	2245065A
80	310	2245080A
100	350	2245100A
125	400	2245101A
150	480	2245102A

* 4 hole flanges.



2238 - SKT 9 NPT - Stainless steel - With flapper

CF8M body & flapper - Double tempered glass - One-way use only - Not for downward-flow - PS: 16 bar - TS: -20°C/+180°C.



Ø	face to face (mm)	code
1/2"	105	223804
3/4"	105	223805
1"	110	223806
1"1/2	125	223808
2"	170	223809



2246 - SKB 2 ANSI - Stainless steel - With flapper - Flanged ANSI 150

CF8M body & flapper - Double tempered glass - One-way use only - Not for downward-flow - PS: 16 bar - TS: -20°C/+180°C.



DN	face to face (mm)	code
15	130	2246015
20	130	2246020
25	170	2246025
40	200	2246040
50	320	2246050
80	270	2246080
100	320	2246100
150	420	2246102



2241 - NAW 2 - Stainless steel - With rotor

CF8M body - Tempered glass dome - PP rotor - PS: 16 bar - TS: -5°C/+80°C.



Ø	face to face (mm)	code
1/4"	76	224100
3/8"	76	224101
1/2"	76	224102
3/4"	89	224103
1"	89	224104

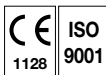


2242 - NAM - Stainless steel - With rotor

CF8M body - Tempered glass pipe - POM rotor - PS: 16 bar - TS: -5°C/+100°C.

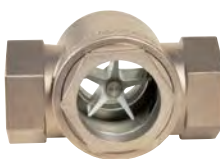


Ø	face to face (mm)	code
1/4"	73	224200
3/8"	73	224201
1/2"	106	224202
3/4"	106	224203
1"	106	224204



2243 - FW12 - Stainless steel - With rotor

CF8M body - Double tempered glass - White ABS rotor - PS: 10 bar - TS: -10°C/+70°C - Not suitable for gas from group 1.



Ø	face to face (mm)	code
1/2"	100	224304
3/4"	100	224305
1"	109	224306
1"1/4	109	224307
1"1/2	150	224308
2"	150	224309

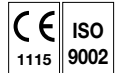


2255 - SKI - Stainless steel

F316 body - Glass pipe - PS: 10 bar - TS: 140°C - For food industry - Not suitable for gas from group 1.



DN	face to face (mm)	code
25	150	2255025
38	158	2255038
51	162	2255051
63	162	2255063



Level gauges



L 138 - Brass set
 CW614N body - Silicone tightness -
 PS: 10 bar - TS: +90°C.

⚠ Does not include pipe.

DN	pipe ø	code
3/8"	13	2310313
1/2"	16	2310416



L 146 - Level gauge
 CW614N brass body - Plexiglass pipe -
 PS: 10 bar - TS: +90°C.

DN	height (mm)	code
1/4"	100	2309210
3/8"	150	2309315
1/2"	200	2309420
1/2"	250	2309425
1/2"	300	2309430



L 135 - Brass set with valves
 CW614N brass body - Needle valves -
 Silicone gaskets - PS: 10 bar - TS: +90°C -
 Pipe length: centre distance plus 15 mm.

⚠ Does not include pipe.

DN	pipe ø	code
1/4"	10	2311210
3/8"	13	2311313
1/2"	13	2311413
1/2"	16	2311416
3/4"	18	2311518
3/4"	20	2311520



T 154 - Plexiglass pipe

1000 mm length - PS: 10 bar -
 TS: +90°C.

pipe ø	code
10	23181010
13	23181310
16	23181610
18	23181810
20	23182010



151 - Fitting for L135 or T154

DN	pipe ø	code
1/2"	13	2317413
1/2"	16	2317416
3/4"	18	2317518
3/4"	20	2317520



2319 - Brass U protection pipe

1000 mm length.

pipe ø	code
10	23191010
13	23191310
16	23191610
18	23191810
20	23192010



2312 - Stainless steel set

F316 body - Needle valve & drainer cap -
 FKM & PTFE gaskets - Sleek pipe -
 PS: 16 bar - TS: -50°C/+200°C. -
 Pipe length: centre distance primus 15 mm.

⚠ Does not include pipe.

DN	pipe ø	code
3/8"	14	23125314N
1/2"	14	23125414N
1/2"	16	23125416N
1/2"	24	23125424N
1"	20	23125620N

not on stock, on request.



2314 - Glass pipe

Pyrex® glass - 1500 mm length -
 PS: 10 bar - TS: +500°C.

pipe ø	thickness (mm)	code
10	1,5	23141015
13	2,2	23141315
14	2,2	23141415
15	2,5	23141515
16	2,5	23141615
18	2,5	23141815
20	2,5	23142015
24	2,5	23142415

+ 11 € to be added for
 glass pipe cutting.
 + 15 €/pc to be added
 for special packaging.



**MG 33 - Stainless steel magnetic
 Flanged PN16**

Stainless steel body & float -
 Aluminium scale - Plexiglas glass -
 Stainless steel bottom flanged drain cap -
 Min. fluid density: 0,8 - PS: 16 bar - TS: +180°C.

DN	length (mm)	code
20	800	23201080
20	1 000	23201100
20	1 200	23201120
20	1 500	23201150
20	2 000	23201200

NEW
NEW



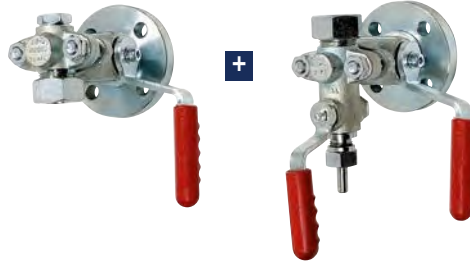
Bistable switch

To be mounted on lateral rail gauge.

code
2328001

Spare float

code
981200



2315 - NX - Carbon steel valves

Flanged PN40 - A105 body - Set of upper/lower valves & drainage valve - Plug valve - Graphite tightness - For level gauge box with Ø 16 pipes - PS: 40 bar - TS: -25°C/+425°C.

DN	code
15	2315SUPINFBR15
20	2315SUPINFBR20
25	2315SUPINFBR25

2320 - RBF - Reflex - Carbon steel

Carbon steel body - Borosilicate reflex glass B DIN 7081 - Width: 34 mm - Wired graphite glass gasket & support gasket - Connection to NX valves with Ø 16 sleek pipes - Length: 60 mm - PS: 40 bar - TS: +239°C.

size	int. min. (mm)	C (mm)	D (mm)	V (mm)	code
T3	285	165	178	141	2320REFLB1T3
T4	310	190	203	166	2320REFLB1T4
T5	340	220	233	196	2320REFLB1T5
T6	370	250	263	226	2320REFLB1T6
T7	400	280	293	256	2320REFLB1T7
T8	440	320	333	296	2320REFLB1T8
T9	460	340	353	313	2320REFLB1T9

size	int. min. (mm)	C (mm)	D (mm)	V (mm)	code
2xT4	515	190	406	367	2320REFLA2T4
2xT5	575	220	466	427	2320REFLA2T5
2xT6	635	250	526	489	2320REFLA2T6
2xT7	695	280	586	549	2320REFLA2T7
2xT8	775	320	666	628	2320REFLA2T8
2xT9	815	340	706	668	2320REFLA2T9
3xT6	900	250	789	751	2320REFLA3T6
3xT7	990	280	879	841	2320REFLA3T7
3xT8	1110	320	999	961	2320REFLA3T8
3xT9	1170	340	1059	1021	2320REFLA3T9
4xT7	1285	280	1172	1134	2320REFLA4T7
4xT8	1445	320	1332	1294	2320REFLA4T8
4xT9	1525	340	1412	1374	2320REFLA4T9
5xT7	1580	280	1465	1427	2320REFLA5T7
5xT8	1780	320	1665	1627	2320REFLA5T8
5xT9	1880	340	1765	1727	2320REFLA5T9
6xT8	2115	320	1998	1960	2320REFLA6T8
6xT9	2235	340	2118	2080	2320REFLA6T9
7xT9	2590	340	2471	2433	2320REFLA7T9

■ not on stock, on request. Approx. 5-6 weeks.

2330 - TMF - Transparent - Carbon steel

Carbon steel body - Borosilicate transparent glass A DIN 7081 - Width: 30 mm - Wired graphite glass gasket & support gasket - Connection to NX valves with Ø 16 pipes - Length: 60 mm - PS: 64 bar - TS: +243°C.

size	int. min. (mm)	C (mm)	D (mm)	V (mm)	code
5	340	220	233	196	2330TRANA1T5
6	370	250	263	226	2330TRANA1T6
7	400	280	293	256	2330TRANA1T7

2352 - Mica protection for transparent glass

Combined with transparent glasses - According to DIN 7081 - Width: 34 mm - Thickness: 0,15-0,20 mm.

length (mm)	code
115	2352901
140	2352902
165	2352903
190	2352904
220	2352905
250	2352906
280	2352907
320	2352908
340	2352909

ISO 9001

23509 - Borosilicate reflex glasses

According to DIN 7081 - Polyprismatic - Supplied with tightness gaskets - Fiber & graphite - Thickness: 17 mm - PS: 34 bar - TS (steam): +243°C.

ISO 9001

length (mm)	34 mm width code	30 mm width code
115	2350901F	2350911F
140	2350902F	2350912F
165	2350903F	2350913F
190	2350904F	2350914F
220	2350905F	2350915F
250	2350906F	2350916F
280	2350907F	2350917F
320	2350908F	2350918F
340	2350909F	2350919F



23519 - Borosilicate transparent glasses

According to DIN 7081 - Supplied with tightness gaskets - Fiber & graphite - Thickness: 17 mm - PS: 34 bar - TS (steam): +243°C.

ISO 9001

length (mm)	34 mm width code	30 mm width code
115	2351901F	2351911F
140	2351902F	2351912F
165	2351903F	2351913F
190	2351904F	2351914F
220	2351905F	2351915F
250	2351906F	2351916F
280	2351907F	2351917F
320	2351908F	2351918F
340	2351909F	2351919F



Water meters

Excluded from 2014/68/EU Directive (art. 1, §2.b) - EU 75/33 ISO 4064 - Cast iron body - Flanged RF PN10/16 - Magnetic transmission - PS: 16 bar.



■ High flow - Woltman

Axial helicoid - Tight dial - Cold water: 0°C/+30°C - Hot water: +30°C/+90°C - MID 2004/22/CE.

Cold water - MID R100

Hot water - MID R100

DN	length (mm)	nominal flow (m³/h)	max. flow (m³/h)	cold water code		hot water code	
50	200	40	50	1738050		1739050	
65	200	63	78,7	1738065		1739065	
80	225	100	125	1738080		1739080	
100	250	160	200	1738100		1739100	
125	300	160	200	1738125		1739125	
150	300	250	312,5	1738150		1739150	
200	350	400	500	1738200		1739200	



■ High flow - Woltman - Pulse transmitter

Axial helicoid - Tight dial - Cold water: 0°C/+30°C - Hot water: +30°C/+90°C - MID 2004/22/CE - REED contact for pulse transmitter.

Cold water - MID R100

Hot water - MID R100

DN	length (mm)	nominal flow (m³/h)	max. flow (m³/h)	cold water code		hot water code	
				1 x 100 l	1 x 1000 l	1 x 100 l	1 x 1000 l
50	200	40	50	1758050	-	1748050	-
65	200	63	78,7	1758065	-	1748065	-
80	225	100	125	1758080	-	1748080	-
100	250	160	200	1758100	-	1748100	-
125	300	160	200	1758126	-	1748126	-
150	300	250	312,5	1758151	-	1748151	-
200	350	400	500	-	1758200	-	1748200



■ Irrigation

Tangential helicoid - Dry dial - Class A - Horizontal mounting - Pre-equipped for pulse transmitter - TS: 0°C/+50°C.

Cold water - Class A

DN	length (mm)	nominal flow (m³/h)	max. flow (m³/h)	code	
				1 x 100 l	1 x 1000 l
50	200	35	70	1720050	-
65	200	50	100	1720065	-
80	225	75	150	1720080	-
100	250	125	250	1720100	-
125	250	175	350	-	1720125
150	300	250	500	-	1720150
200	350	450	900	-	1720200



■ Irrigation - Pulse transmitter

Tangential helicoid - Dry dial - Class A - Horizontal mounting - REED contact for pulse transmitter - TS: 0°C/+50°C.

Cold water - Class A

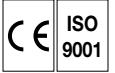
DN	length (mm)	nominal flow (m³/h)	max. flow (m³/h)	code	
				1 x 100 l	1 x 1000 l
50	200	35	70	1724050	-
65	200	50	100	1724065	-
80	225	75	150	1724080	-
100	250	125	250	1724100	-
125	250	175	350	-	1724125
150	300	250	500	-	1724150
200	350	450	900	-	1724200



Pulse transmitter

code
9811017





Flowmeters

2281 - DS - Acrylic with float & regulating valve

Acrylic plastic body - Stainless steel fittings - Nickel plated magnetic float - Stainless steel needle valve - FKM gasket - Vertical position, upward-flow - Accuracy: +/- 5% - PS: 10 bar - TS: -10°C/+50°C.



Ø	fluid	flow (l/min)	code
1/4"	water	0,4-4	2281004SE
1/4"	water	0,8-8	2281005SE
1/4"	air	10-100	2281006SE
1/4"	air	25-250	2281007SE

Alarm contact for DS flowmeters

Adjustable on 10-80% of the range.

code
986082

2282 - P - Stainless steel with float

Stainless steel F316L body - Stainless steel float - Glass tube - FKM gasket - I/min scale for liquid - Vertical position, upward-flow - PS: 6 bar - TS: -5°C/+100°C.



Ø	flow (l/min)	L (mm)	code
3/8"	0,1-1	200	2282001
1/2"	1-10	240	2282002SE
3/4"	2-20	280	2282003SE
1"	5-50	280	2282004SE
1"1/4	10-100	280	2282005SE
1"1/2	20-200	305	2282006SE
2"	40-400	315	2282007SE

2285 - SF - With float, vertical & horizontal

Polycarbonate body - Stainless steel 316 ends, float & spring - FKM gaskets - For water - Accuracy: +/-5% - Vertical position, upward-flow / horizontal position, fluid direction: left to right - PS: 16 bar - TS: -5°C/+80°C.



Ø	flow (l/min)	face to face (mm)	code
1/2"	5-50	134	22852050
3/4"	10-100	170	22853100
1"	15-150	170	22854150
1"1/4	20-200	178	22855200
1"1/2	25-250	178	22856250

Alarm contact for SF flowmeters

Ø	code
1/2"	986080
3/4"	986081
1"	986081
1"1/4	986081
1"1/2	986081

2284 - MF200E - Magnetic

Stainless steel 316 body & float - IP65 - I/h scale for liquid - Accuracy: +/- 2% - Vertical position, upstream flow - PS: 10 bar - TS: -40°C/+180°C.



Ø	flow (l/h)	code
1/2"	15-150	2284001
1/2"	40-400	2284002
1/2"	60-600	2284003
3/4"	75-750	2284004
1"	100-1000	2284005
1"1/2	200-2000	2284006
1"1/2	400-4000	2284007

2286 - BR250S - Magnetic - Flanged PN16

Stainless steel 316 body, float & spring - Aluminium case IP65 - I/h scale for liquid - Accuracy: +/- 2,5% - Supplied with alarm contact 250V AC - 5A & 30V DC - Horizontal position, fluid direction: left to right - PS: 16 bar - TS: -50°C/+200°C.



DN	flow (l/h)	face to face (mm)	code
25	400-4000	250	228602504
40	1000-10000	250	228604010
50	2000-20000	250	228605020
65	3000-30000	250	228606530
80	4000-40000	250	228608040
100	6000-60000	250	228610060

Flow switch

FS 20 - Stainless steel

For liquids - Stainless steel 316 body - Micro switch contact SPDT 250V AC - 3A or 30V DC - 3A - Electrical connection with connector DIN 43650 PG9 IP65 - PS: 70 bar - TS: -20°C/+150°C.



Ø	flow for activation	flow for de-activation	code
1/2"	380-460	150-210	228701
3/4"	550-610	140-240	228702
1"	930-1010	750-780	228703

Thermometers

Digital



TD 915

LCD screen with h=18 mm characters & permanent display - Adjustable stainless steel Ø 100 screen housing - IP65 - Stainless steel plunger L=100 mm - 1/2" connection - Supplied with lithium AA 1,5V battery (3-4 years duration) - TS: -10°C/+40°C - Temperature range: -50/+150°C.

code
138001

Vertical

Excluded from 2014/68/EU (art. 4, §3) - For non-corrosive gases & liquids - Brass fitting 1/2" - Aluminium case - Engraved scaled glass - All positions reading - Plunger Ø 10 mm - Solid glass prismatic capillary - PS: 16 bar - TS: -30°C/+300°C.

ISO 9001



1670 / 1672 - Straight - 150 mm height

scale	plunger L (mm)	code
0°C/+120°C	63	1670001
-30°C/+50°C	63	1670002
0°C/+120°C	100	1672001
-30°C/+50°C	100	1672002



1675 / 1677 - Angle - 150 mm height

scale	plunger L (mm)	code
0°C/+120°C	63	1675001
-30°C/+50°C	63	1675002
0°C/+120°C	100	1677001
-30°C/+50°C	100	1677002



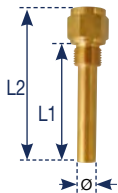
1671 / 1673 - Straight - 200 mm height

scale	plunger L (mm)	code
0°C/+120°C	63	1671001
-30°C/+50°C	63	1671002
0°C/+200°C	63	1671003
0°C/+300°C	63	1671004
0°C/+120°C	100	1673001
-30°C/+50°C	100	1673002
0°C/+200°C	100	1673003
0°C/+300°C	100	1673004



1676 / 1678 - Angle - 200 mm height

scale	plunger L (mm)	code
0°C/+120°C	63	1676001
-30°C/+50°C	63	1676002
0°C/+200°C	63	1676003
0°C/+300°C	63	1676004
0°C/+120°C	100	1678001
-30°C/+50°C	100	1678002
0°C/+200°C	100	1678003
0°C/+300°C	100	1678004



Brass thermowells 1/2"

Ø	L1	L2	plunger L (mm)	code
14	50	75	63	9880220
14	86	110	100	9880221

Bi-metallic - Stainless steel

Excluded from 2014/68/EU (art. 4, §3) - Class 2 - IP31 - For gases & liquids - Inside use only - Instrumentation glass - Stainless steel F304 case mechanism & fitting 1/2" - Duralium dial & needle - Plunger Ø 8 mm - Tight welded pipe - PS: 40 bar - TS: -30°C/+200°C.

ISO 9001

1680 / 1681 - Radial - Ø 100

scale	plunger L (mm)	code
-30°C/+50°C	77	1680001
0/+120°C	77	1680002
0/+160°C	77	1680003
0/+200°C	77	1680004
-30°C/+50°C	100	1681001
0/+120°C	100	1681002
0/+160°C	100	1681003
0/+200°C	100	1681004



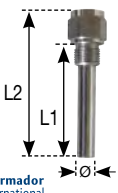
1685 / 1686 - Axial - Ø 100

scale	plunger L (mm)	code
-30°C/+50°C	77	1685001
0/+120°C	77	1685002
0/+160°C	77	1685003
0/+200°C	77	1685004
-30°C/+50°C	100	1686001
0/+120°C	100	1686002
0/+160°C	100	1686003
0/+200°C	100	1686004



Stainless steel thermowells 1/2"

Ø	L1	L2	plunger L (mm)	code
14	65	90	77	9880210
14	86	110	100	9880211



Pressure switches

ELT - Control pressure switch

For all compatible fluids, except propane -
 TS: -10°C/+120°C - Silver plated SPDT contacts -
 Shut-off 0,2A-230V AC - IP40 - Room temperature:
 -35°C/+60°C - According to EN 60947-1-5 -
 Fluid connection: *brass BSP female 1/4",
 **brass BSP male 1/4".



pressure setting	differential	code
* -0,2 - 8 bar	0,6 - 3 bar	132001SE
* 5 - 16 bar	1 - 3,5 bar	132002SE
** 5 - 28 bar	2 - 10 bar	132003

MDR - Process pressure switch

Stainless steel 303 inner mechanism & fitting -
 Stainless steel 316 Ti membrane - Aluminium support -
 Polycarbonate housing - IP65 - 2 SPDT contacts -
 Breaking capacity: resistive 10A@240VAC, inductive
 4A@240VAC, 0,1A@240VDC - PS: 10 bar -
 TS: -20°C/+70°C - Process connections 1/4" -
 Gland pack M20 electric connection.



pressure setting	differential	code
1 - 12 bar	0,5 - 0,8 bar	1320501

Pressure transmitters

DPG - Digital pressure gauge - Ø 80

ABS case - Accuracy: +/- 1 % - Digital screen display -
 Programmable display pressure unit - Battery 9V DC -
 TS: -10°C/+200°C - Ambient T: -10°C/+75°C -
 Fluid connection: stainless steel 1/4" male.



scale (bar)	code
0/4	131101SE
0/10	131102SE
0/20	131103SE

DPGPT - Digital transmitter - Ø 80

ABS case - Accuracy: +/- 1 % - Digital screen display -
 Programmable display pressure unit - 24V DC with 1,5
 wire - Analog output 4-20 mA - TS: -10°C/+200°C -
 Ambient T: -10°C/+75°C -
 Fluid connection: stainless steel 1/4" male.



scale (bar)	code
0/4	131201
0/10	131202
0/20	131203

PT 5000 - Pressure transmitter

Stainless steel 316 body - Accuracy: +/- 0,2 % -
 11-36V DC - Output: 2 threads 4-20 mA -
 TS: -40°C/+120°C - Electric connection: PG11 mini
 connector - Process connection: 1/2".



scale (bar)	code
0/6	131001SE
0/10	131002SE
0/16	131003SE

PT 3100 - Pressure transmitter

Stainless steel 316 body - Accuracy: +/- 0,5 % -
 11-30V DC - Output: 2 threads 4-20 mA -
 TS: -10°C/+80°C - Electric connection: DIN mini
 connector - Process connection: 1/4".



scale (bar)	code
0/6	131830SE
0/10	131831SE
0/16	131832
0/25	131833

Pressure gauges

■ ABS plastic case - Dry

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-1 - For non-viscous, non-crystallizing & non-aggressive fluids -
 Black ABS case - Brass Bourdon tube and mechanism - Brass connection - Clear Plexiglas window - White ABS dial - Duralumin pointer -
 TS: 0°C/+60°C.

ISO
9001



1640 - Axial - Ø 40
 Class 2,5 - Connection 1/8".

scale (bar)	code
0/4	1640004
0/6	1640005
0/10	1640006
0/16	1640007



1643 - Radial - Ø 63
 Class 1,6 - Connection 1/4".

scale (bar)	range (psi)	code
0/4	0/60	1643004
0/6	0/90	1643005
0/10	0/150	1643006
0/16	0/230	1643007
0/25	0/360	1643008
0/40	0/600	1643009



1644 - Radial - Ø 80
 Class 1,6 - Connection 1/2".

scale (bar)	range (psi)	code
0/4	0/60	1644004
0/6	0/90	1644005
0/10	0/150	1644006
0/16	0/230	1644007
0/25	0/360	1644008
0/40	0/600	1644009



1645 - Radial - Ø 100
 Class 1,6 - Connection 1/2".

scale (bar)	code
0/4	1645004
0/6	1645005
0/10	1645006
0/16	1645007
0/25	1645008
0/40	1645009

■ Carbon steel case - Brazed brass - Dry

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-1 - For non-viscous, non-crystallizing & non-aggressive fluids - Black painted steel case - Brass Bourdon tube and mechanism, tin welded - Brass connection - Flat instrument glass window - Duralumin dial - Steel pointer - TS: 0°C/+150°C (steam up to 100°C).

ISO
9001



1619 - Radial - Ø 100
Class 1,6 - Connection 1/2".

scale (bar)	code
-1/+1	1619001
0/1,6	1619002
0/2,5	1619003
0/4	1619004
0/6	1619005
0/10	1619006
0/16	1619007
0/25	1619008
0/40	1619009

■ Stainless steel case - Glycerine filled

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-1 - IP65 - For non-viscous, non-crystallizing & non-aggressive fluids - F304 stainless steel case - Brass Bourdon tube and mechanism, tin welded - Brass connection - Polycarbonate window - Duralumin dial - Steel pointer (duralumin pointer for Ø100) - TS: 0°C/+60°C.

ISO
9001



1612 - Radial - Ø 50
Class 2,5 - Connection 1/4".

scale (bar)	code
-1/+1	1612001
0/1,6	1612002
0/2,5	1612003
0/4	1612004
0/6	1612005
0/10	1612006
0/16	1612007
0/25	1612008
0/40	1612009
0/60	1612010



1613 - Radial - Ø 63
Class 1,6 - Connection 1/4".

scale (bar)	range (psi)	code
-1/+1	-15/15	1613001
0/1,6	0/23	1613002
0/2,5	0/35	1613003
0/4	0/60	1613004
0/6	0/90	1613005
0/10	0/150	1613006
0/16	0/230	1613007
0/25	0/360	1613008
0/40	0/600	1613009
0/60	0/900	1613010
0/100	0/1500	1613011
0/160	0/2300	1613012
0/250	0/3500	1613013
0/400	0/6000	1613014
0/600	0/9000	1613015
0/6	0/90	M1623005NPT
0/10	0/150	M1623006NPT
0/16	0/230	M1623007NPT



1615 - Radial - Ø 100
Class 1,6 - Connection 1/2".

scale (bar)	code
-1/+1	1615001
0/1,6	1615002
0/2,5	1615003
0/4	1615004
0/6	1615005
0/10	1615006
0/16	1615007
0/25	1615008
0/40	1615009
0/60	1615010
0/100	1615011
0/160	1615012
0/250	1615013
0/400	1615014
0/600	1615015



1622 - Axial - Ø 50
Class 2,5 - Connection 1/4".

scale (bar)	code
-1/+1	1622001
0/1,6	1622002
0/2,5	1622003
0/4	1622004
0/6	1622005
0/10	1622006
0/16	1622007
0/25	1622008
0/40	1622009
0/60	1622010



1623 - Axial - Ø 63
Class 1,6 - Connection 1/4".

scale (bar)	range (psi)	code
-1/+1	-15/15	1623001
0/1,6	0/23	1623002
0/2,5	0/35	1623003
0/4	0/60	1623004
0/6	0/90	1623005
0/10	0/150	1623006
0/16	0/230	1623007
0/25	0/350	1623008
0/40	0/600	1623009
0/60	0/900	1623010
0/100	0/1500	1623011
0/160	0/2300	1623012
0/250	0/3500	1623013
0/400	0/6000	1623014
0/600	0/9000	1623015



1625 - Axial - Ø 100
Class 1 - Connection 1/2".

scale (bar)	code
-1/+1	1625001
0/1,6	1625002
0/2,5	1625003
0/4	1625004
0/6	1625005
0/10	1625006
0/16	1625007

■ Stainless steel case - Dry - Gas capsule

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-3 - IP31 - For dry & non-aggressive gases - F304 stainless steel case - Brass capsule and mechanism - Brass connection - Acrylic window for 1633 / Polycarbonate window for 1635 - Duralumin dial & pointer - TS: 0°C/+60°C.

ISO
9001

1633 - Dry - Radial - Ø 63 Class 2,5 - Connection 1/4".



scale (mbar)	code
0/60	1633001
0/100	1633002
0/250	1633003
0/400	1633004
0/600	1633005

1635 - Dry - Radial - Ø 100 Class 1 - Connection 1/2".



scale (mbar)	code
0/60	1635001
0/100	1635002
0/250	1635003
0/400	1635004
0/600	1635005

Push-button valve PS: 4 bar.



Ø	code
1/4"	9880302
1/2"	9880304

■ Full stainless steel - Dry

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-1 - IP65 - For non-viscous & non-crystallizing aggressive fluids - F304 stainless steel case - F316 Bourdon tube and mechanism - F316 connection - Securit glass window - Aluminium dial & pointer - TS: 0°C/+100°C except fig. 1618 & 1628: 0°C/+60°C.

ISO
9001

1616 - Dry - Radial - Ø 63 Class 1,6 - Connection 1/4".



scale (bar)	code
-1/+1	1616001
0/1,6	1616002
0/2,5	1616003
0/4	1616004
0/6	1616005
0/10	1616006
0/16	1616007
0/25	1616008
0/40	1616009
0/60	1616010

1617 - Dry - Radial - Ø 100 Class 1 - Connection 1/2".



scale (bar)	code
-1/+1	1617001
0/1,6	1617002
0/2,5	1617003
0/4	1617004
0/6	1617005
0/10	1617006
0/16	1617007
0/25	1617008
0/40	1617009
0/60	1617010

1618 - Glycerine - Radial - Ø 100 Class 1 - Connection 1/2" - Supplied filled.



scale (bar)	code
-1/+1	1618001
0/1,6	1618002
0/2,5	1618003
0/4	1618004
0/6	1618005
0/10	1618006
0/16	1618007
0/25	1618008
0/40	1618009
0/60	1618010

1626 - Dry - Axial - Ø 63 Class 1,6 - Connection 1/4".



scale (bar)	code
-1/+1	1626001
0/1,6	1626002
0/2,5	1626003
0/4	1626004
0/6	1626005
0/10	1626006
0/16	1626007
0/25	1626008
0/40	1626009
0/60	1626010

1628 - Glycerine - Axial - Ø 100 Class 1 - Connection 1/2" - Supplied filled.



scale (bar)	code
-1/+1	1628001
0/1,6	1628002
0/2,5	1628003
0/4	1628004
0/6	1628005
0/10	1628006
0/16	1628007
0/25	1628008
0/40	1628009
0/60	1628010

■ Stainless steel case - Dry - For steam

Excluded from 2014/68/EU (art. 4, §3) - Accuracy class according to EN 837-1 - For steam - TS: +180°C.

ISO
9001



Radial - Ø 100

Class 1,6 - Connection 1/2" - TS: +180°C - To be installed with coil siphon.

scale (bar)	code
0/10	981703
0/25	981705



Coil siphon

DIN 16282 C type - M1/2" x F1/2" - TS: +300°C (at 80 bar).

	code
Carbon steel	981712
Stainless steel	981713



Pressure gauge valve

DIN 16270 A type - Carbon steel body - M1/2" x F1/2" - PS: 400 bar - TS: +200°C.

	code
Carbon steel	981710
Stainless steel	981717

■ Full stainless steel - Adjustable & refillable (BSP)

Excluded from 2014/68/EU Directive (art. 4, §3) - Accuracy class according to EN837-1 - For non-viscous & non-crystallizing aggressive fluids - F304 stainless steel case - F316 Bourdon tube and mechanism - Security glass window - Aluminium dial & pointer - Adjustable screw for calibration - TS: -20°C/+100°C.

1616 XS - Radial - Ø 63

Class 1,6 - Connection 1/4".

scale (bar)	range (psi)	code
-1/+1	-15/15	XS1616001
0/1,6	0/23	XS1616002
0/2,5	0/35	XS1616003
0/4	0/60	XS1616004
0/6	0/90	XS1616005
0/10	0/150	XS1616006
0/16	0/230	XS1616007
0/25	0/350	XS1616008
0/40	0/600	XS1616009



1617 XS - Radial - Ø 100

Class 1,6 - Connection 1/2".

scale (bar)	range (psi)	code
-1/+1	-15/15	XS1617001
0/1,6	0/23	XS1617002
0/2,5	0/35	XS1617003
0/4	0/60	XS1617004
0/6	0/90	XS1617005
0/10	0/150	XS1617006
0/16	0/230	XS1617007
0/25	0/350	XS1617008
0/40	0/600	XS1617009

■ Full stainless steel - With contacts (BSP)

Accuracy class according to EN 837-1 - Stainless steel F304 case - Stainless steel F316 pipe & movement - Security glass indicator - Double scale bar/psi - 2 adjustable dry contacts on/off + connector + 0,5 m wire - Shut-off: 30W-50VA - TS: -20°C/+100°C.

1617 S - Radial - Ø 100

Class 1,6 - Connection 1/2".

scale (bar)	range (psi)	code
0/10	0/150	S1617006
0/16	0/230	S1617007



Calibration & certificate. ⚠ **Additional delivery time.**

code
999ETM

Membrane separators for pressure gauges

■ General process

DT 110 - Dismountable (BSP)

Stainless steel 316 dismountable body - Stainless steel 316L membrane - PS: 40 bar - TS: -40°C/+150°C - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/2"	M1/2"	0/10	0/40	S165000
F1/4"	M1/4"	-1/0	0/40	S165001
F1/2"	M1/4"	-1/0	0/40	S165002
F1/2"	M1/2"	-1/0	0/40	S165003

DT 108 - Welded (BSP)

Stainless steel 316 welded body - Stainless steel 316L membrane - PS: 40 bar - TS: -40°C/+150°C - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/4"	M1/4"	0/1,6	0/40	S165100
F1/2"	M1/2"	0/1,6	0/40	S165101

DT 103 - Mini (BSP)

Stainless steel 316 body - Stainless steel 316L membrane - PS: 350 bar - TS: -40°C/+150°C - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/2"	M1/2"	0/25	0/350	S165200
F1/2"	M3/4"	0/10	0/200	S165201
F1/2"	M1"	0/4	0/60	S165202

DT 122 - Flanged PN16/40

Stainless steel 316 body - Stainless steel 316L membrane - PS: 40 bar - TS: -40°C/+150°C - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/4"	DN15	0/10	0/40	S165300
F1/2"	DN15	0/10	0/40	S165301
F1/2"	DN20	0/6	0/40	S165302
F1/2"	DN25	0/6	0/40	S165303

Mounting of compatible pressure gauge on separator (only 1616 XS & 1617 XS) + checking. ⚠ **Additional delivery time.**

code
999SEP2

■ Food process

DT 105 (SMS)

Stainless steel 316 body - Stainless steel 316L membrane - PS: 40 bar - TS: -40°C/+150°C - Process connection: female SMS - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/2"	F1/2" SMS	0/6	0/40	S165500
F1/2"	F2" SMS	-1/1,5	0/16	S165501

DT 106 - Clamp connection

Stainless steel 316 body - Stainless steel 316L membrane - PS: 40 bar - TS: -40°C/+150°C - Process connection: clamp - Supplied without pressure gauge.



connection		range (bar)		code
mano.	process	min.	max.	
F1/2"	1 1/2" clamp 50,5	0/6	0/40	S165400
F1/2"	2" clamp 64	-1/1,5	0/16	S165401

Mounting of compatible pressure gauge on separator (only 1616 XS & 1617 XS) + refilling with alimentary oil + checking. ⚠ **Additional delivery time.**

code
999SEP3

Accessories for pressure gauges

Brass decompression valves

PS: 16 bar - TS: +90°C.

1305 - Female/female



Ø	length (mm)	code
1/4"	46	1305002
3/8"	50	1305003
1/2"	56	1305004

1306 - Male/female



Ø	length (mm)	code
1/4"	46	1306002
3/8"	50	1306003
1/2"	56	1306004

1307 - Male/female



Ø	length (mm)	code
1/4"	60	1307002
1/2"	68	1307004

High pressure brass valves

PS: 250 bar - TS: -10°C/+120°C.

1390 - Male/female with stretcher nut



Ø	length (mm)	code
1/2"	119	1390004

1391 - Male/female with stretcher nut & control flange



Ø	length (mm)	code
1/2"	119	1391004

Stainless steel valves

PS: 40 bar - TS: 160°C.

1303 - Male/female



Ø	code
1/4"	A1303002
1/2"	A1303004

1303 - Male/female decompression

Ø	code
1/4"	A1303005
1/2"	A1303006

1304 - Female/female

Ø	code
1/4"	A1304002
1/2"	A1304004

Coil siphons

Stainless steel - Male/female - PN20



Ø	code
1/4"	9880207
1/2"	9880208

Carbon steel - Male/male - PN25



Ø	code
1/4"	9880200
1/2"	9880201

Copper - Male/female - PN25



Ø	code
1/4"	9880202
1/2"	9880204

Carbon steel - U type - Male/male - PN25



Ø	code
1/4"	9880205
1/2"	9880206

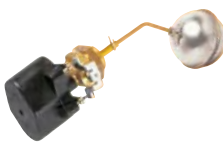
Glycerine container 250 ml



code
9880401

Level switches

RL 2100 - Float



Brass body - Stainless steel float Ø 70 mm - 2 adjustable reversing switches - Breaking capacity: 250V - 1,5A - Wire outlet Ø 10 mm - PS: 6 bar - TS: +125°C.

DN	code
1"	101805

LR 201 - Stainless steel



F316 body & float - Min. liquid density: 0,6 - IP65 aluminium junction box - 1/2" BSP gland pack - Contact SPDT 230V AC/DC max. 1 A - PS: 10 bar - TS: -10°C/+120°C.

DN	code
1/2"	290022
3/4"	290023

C4 - Stainless steel magnetic float



F316 body & float - 1 adjustable reversing switch - Breaking capacity: 250V - 1,5A - PS: 6 bar - TS: +150°C.

code
101810

LT 201 - Full stainless steel



F316 body & parts - Min. liquid density: 0,7 - IP65 aluminium junction box - 1/2" NPT gland pack - Contact SPDT 230V AC 3 A - 30V DC 3 A - Ø 40 mm float - PS: 30 bar - TS: -20°C/+150°C.

DN	code
1"1/2	290106N

LT 204 - Full stainless steel

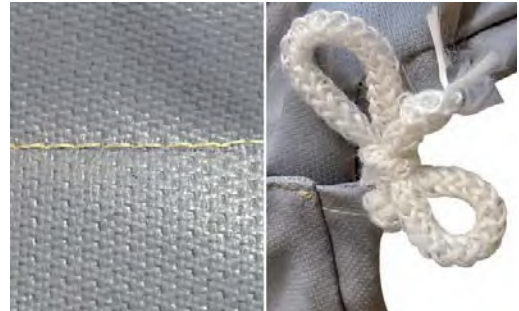


Same as LT201, except: flanged PN10/16 & PS: 10 bar - TS: -20°C/+150°C.

DN	code
40	291040N
50	291050N
80	291080N
100	291100N

Insulation jackets

Pyrogel XT Aspen Aerogels® hydrophobic insulation - Fiber glass fabric with silicone cover - Fabrics sewing by Kevlar® and stainless steel wires - Braided fiber glass ropes - TS: up to 250°C.



MIRS - Globe valve insulation jacket

DN	15	20	25	32	40	50	65	80	100	125	150
code	181015SE	181020SE	181025SE	181032SE	181040SE	181050SE	181065SE	181080SE	181081SE	181082SE	181083SE



MIFI - Y-strainer valve insulation jacket

DN	15	20	25	32	40	50	65	80	100
code	182015SE	182020SE	182025SE	182032SE	182040SE	182050SE	182065SE	182080SE	182081SE



MI SK - Steam trap insulation jacket
Threaded

Ø	1/2"	3/4"	1"
code	181001	181002	181003



Flanged

DN	15	20	25	32	40	50
code	181004	181005	181006	181007	181008	181009