



Fuel Gas Pressure Control Solutions

GASTECH[®]
Natural Gas Equipment Technologies

Solution
Partner

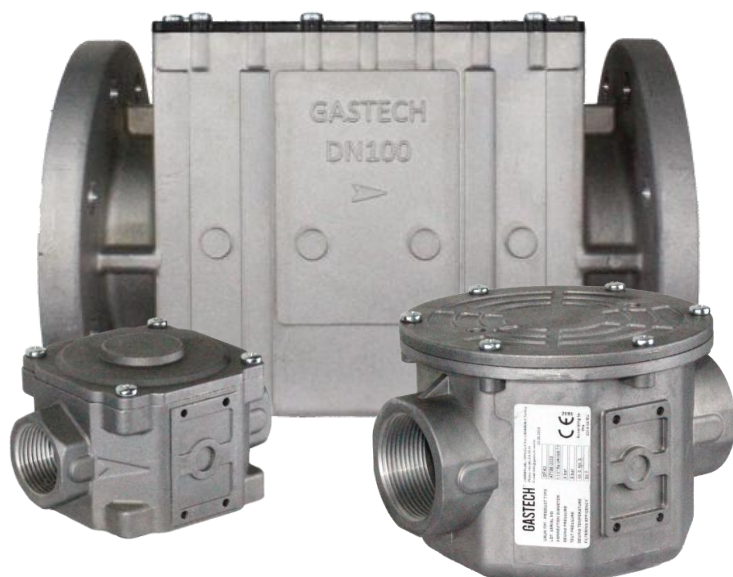
Combustion
Controls



GF Serie Gas Filter



Maximum allowable pressure –PS	2 – 6 bar
Ambient temperature –TS⁽¹⁾	-20 °C to +70 °C
Connection	Threaded conn. according to EN 10226 or NPT ASME 1/2" 3/4" 1" 1 1/4" 1 1/2" 2" Flanged Conn. According to EN 1092-1 or ANSI 150 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300
Grade of filtration	10 µm 20 µm 50 µm
Connections	Threaded Rp EN or NPT ASME



RL Serie Filter Regulator



Maximum allowable pressure –PS	RL 0.5 bar EN 88-1, RLH 0.5 – 5 bar EN88-2
Inlet pressure range –bPu	RL Pa+20mbar – 0.5 bar, RLH 0.5 – 2 bar
Outlet pressure range –P2 or Pa	RL 10 – 350 mbar, RLH 15 – 350 mbar
Allowable temperature –TS⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC	Pa up to 150mbar AC10, Pa up to 350 mbar AC 5
Lock-up pressure class –SG	Pa up to 150mbar AC30, Pa up to 350 mbar SG 10
Nominal size –DN	1/2" 3/4" 1" 1 1/4" 1 1/2" 2" DN25 DN32 DN40 DN50
Connections	Threaded Rp EN or NPT ASME Flanged PN16, PN20 according to ISO 7005 or Class 150 RF according to ASME B16.5



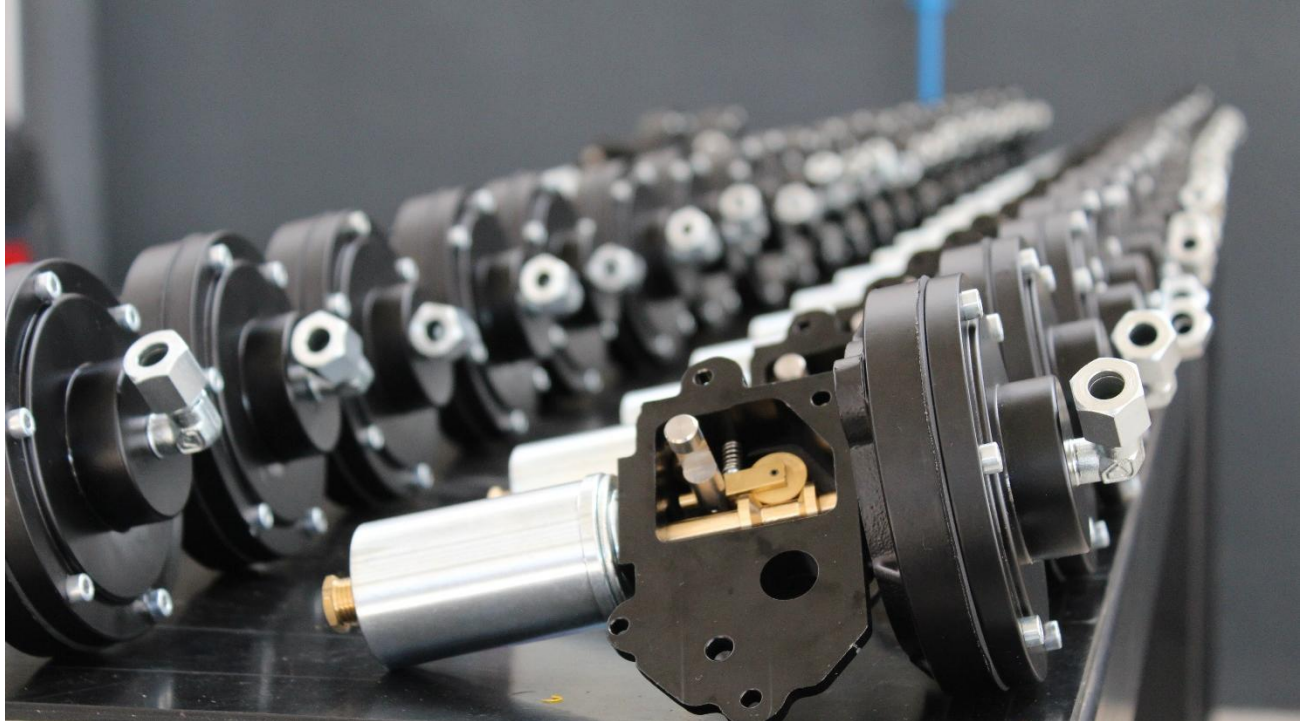
RLS Serie Filter Regulator with SSV



Maximum allowable pressure –PS	RL 0.5 bar EN 88-1, RLH 0.5 – 5 bar EN88-2
Inlet pressure range –bPu	RL Pa+20mbar – 0.5 bar, RLH 0.5 – 2 bar
Outlet pressure range –P2 or Pa	RL 10 – 350 mbar, RLH 15 – 350 mbar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC	Pa up to 150mbar AC10, Pa up to 350 mbar AC 5
Lock-up pressure class –SG	Pa up to 150mbar AC30, Pa up to 350 mbar SG 10
Nominal size –DN	1/2" 3/4" 1" 1 1/4" 1 1/2" 2" DN25 DN32 DN40 DN50
Connections	Threaded Rp EN or NPT ASME Flanged PN16, PN20 according to ISO 7005 or Class 150 RF according to ASME B16.5



Mannually Reset Solenoid Valve



Normally open or Closed

Maximum allowable pressure –PS	SV Serie 0.5, SVxx/6b 6 bar
Ambient temperature –TS ⁽¹⁾	-20 °C to +70 °C
Connection	Threaded conn. according to EN 10226 or NPT ASME 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
	Flanged Conn. According to EN 1092-1 or ANSI 150 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300
Working Voltage	12 Vdc 12 V/50 Hz 24 Vdc 24 V/50 Hz 110 V/50-60 Hz 230 V/50-60 Hz
Power supply voltage tolerance	-15% ... +10%
Protection degree ⁽²⁾	IP65



Mannually Shut Off Valve



Maximum allowable pressure –PS	6 bar
Ambient temperature –TS ⁽¹⁾	-20 °C to +70 °C
Connection	Threaded conn. according to EN 10226 or NPT ASME 1/2" 3/4" 1" 1 1/4" 1 1/2" 2"
	Flanged Conn. According to EN 1092-1 or ANSI 150 DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300
Closing time	<1 second
Use	Natural gas, GPL or Non aggressive gases,



Gas Pressure Regulator



Threaded Connection

Maximum allowable pressure –PS	20 bar
Inlet pressure range –bPu	BP 0.1 – 16 bar MP – AP 0.1 – 20 bar
Outlet pressure range –Wd ⁽⁴⁾	15 - 4400 mbar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC ⁽²⁾	up to AC 5
Lock-up pressure class –SG ⁽²⁾	up to SG 10
Nominal size –DN	1" x 1" 1" x 11/2" 1 1/2" x 1 1/2 " 2" x 2"
Connections ⁽³⁾	Threaded Rp EN or NPT ASME



Gas Pressure Regulator



Flanged Connection

Maximum allowable pressure –PS	20 bar
Inlet pressure range –bPu	DN up to 4'' 0.1 – 20 bar 6'' 0.1 – 10 bar
Outlet pressure range –Wd	DN up to 4'' 15 – 4400 mbar 6'' 15 – 2000 mbar*
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC ⁽²⁾	up to AC 5
Lock-up pressure class –SG ⁽²⁾	up to SG 10
Nominal size –DN	DN25 1'' DN40 1 1/2'' DN50 2'' DN65 2 1/2'' DN80 3'' DN100 4'' DN150 6''
Connections ⁽³⁾	PN16, PN20 according to ISO 7005 Class 150 RF according to ASME B16.5 and



Gas Pressure Regulator



Pilot Operated ANSI 150

Maximum allowable pressure –PS	20 bar
Inlet pressure range –bPu	DN up to 4'' 0.1 – 20 bar 6'' 0.1 – 10 bar
Outlet pressure range –Wd	DN up to 4'' 15 – 16000 mbar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC ⁽²⁾	up to AC 2,5
Lock-up pressure class –SG ⁽²⁾	up to SG 5
Nominal size –DN	DN25 1'' DN40 1 1/2'' DN50 2'' DN65 2 1/2'' DN80 3'' DN100 4'' DN150 6''
Connections ⁽³⁾	PN16, PN20 according to ISO 7005 Class 150 RF according to ASME B16.5 and



Gas Pressure Regulator



Pilot Operated ANSI 300

Maximum allowable pressure –PS	50 bar
Inlet pressure range –bPu	DN up to 4" 0.1 – 50 bar 6" 0.1 – 25 bar
Outlet pressure range –Wd	DN up to 4" 15 – 16000 mbar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC ⁽²⁾	up to AC 2,5
Lock-up pressure class –SG ⁽²⁾	up to SG 5
Nominal size –DN	DN25 1" DN40 1 1/2" DN50 2" DN65 2 1/2" DN80 3" DN100 4" DN150 6"
Connections ⁽³⁾	PN16, PN20 according to ISO 7005 Class 150 RF according to ASME B16.5 and



GS Serie Gas Filter



Maximum allowable pressure –PS	25 bar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Nominal size –DN	DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 It is possible to produce filters with different inlet and outlet diameters to order.
Connections ⁽²⁾	PN16, PN25 according to ISO 7005 Class 150 RF according to ASME B16.5 and
Filtration efficiency ⁽³⁾	Standard 99.9% of particle size > 2 µm
Limit for soiled filter insert	$\Delta p_{\max} = 500 \text{ mbar}$, risk limit 1 bar



GH Serie Gas Filter



Maximum allowable pressure –PS	25 bar / 50 bar
Allowable temperature –TS ⁽¹⁾	-10 °C to +60 °C
Inlet gas temperature	-10 °C to +60 °C
Nominal size –DN	DN25 DN32 DN40 DN50 DN65 DN80 DN100 DN125 DN150 DN200 DN250 DN300 It is possible to produce filters with different inlet and outlet diameters to order.
Connections ⁽²⁾	PN16, PN25, PN40 according to ISO 7005 Class 150 – 300 RF according to ASME B16.5 and
Filtration efficiency ⁽³⁾	Standard 99.9% of particle size > 2 µm
Limit for soiled filter insert	Δpmax = 500 mbar



RLT Serie Safety Relief Valve



Maximum allowable pressure –PS	RLTxx 1b 1bar, RLTxx 6b 6bar, RLTxx 25b 25bar
Setting range (Who)	RLTxx 1b 16 – 1000 mbar RLTxx 6b 700 – 1500 mbar RLTxx 25b 0.5 – 25 bar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
Inlet gas temperature	-20 °C to +60 °C
Accuracy class –AC	up to 2.5% depending on model and setting pressure
Nominal size –DN	1/2" 3/4" 1" 1 1/4" 1 1/2" 2" Threaded DN25 DN40 DN50 Flanged
Connections	Threaded Rp EN or NPT ASME Flanged PN16, PN25 according to ISO 7005 Class 150 RF according to ASME B16.5 and



SL Serie Safety Slum Shut Valve



Maximum allowable pressure –PS	20 bar
	BP-MP 30 – 490 mbar
	AP 480 – 1750 mbar
	AAP 1500 – 5500 mbar
Over pressure setting Range –OPSO	HP 1000 – 16000 mbar
	BP-MP 15 – 450 mbar
	AP 350 – 1600 mbar
	AAP 900 – 3200 mbar
Under pressure setting Range –UPSO	HP 1000 – 15000 mbar
Allowable temperature –TS ⁽¹⁾	-20 °C to +60 °C
	up to 5 OPSO
Accuracy class –AG ⁽²⁾	up to 5 UPSO
Lock-up pressure class –SG ⁽²⁾	up to SG 10
	Threaded DN25 1" DN40 1 1/2" DN50 2"
	Flanged DN25 1" DN40 1 1/2" DN50 2" DN65 2 1/2" DN80 3" DN100 4" DN150 6"
Nominal size –DN	



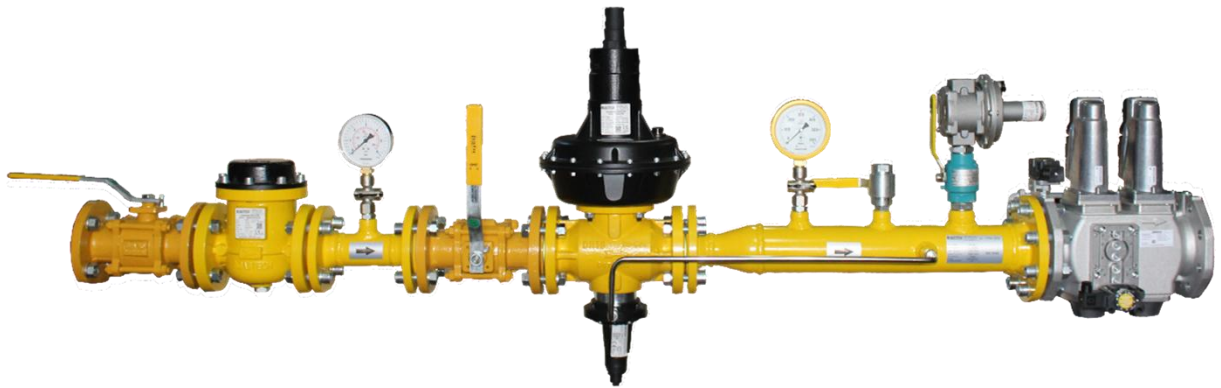
Gas Meters



Maximum allowable pressure –PS	16 - 20 bar
Qmin	Turbinmeter 1:20 / Rotarymeter 1:160
Accuracy class	1.0
Allowable temperature –TS⁽¹⁾	-25° C to + 70° C
Pulse	LF Standard, HP optional
Connections	PN16, PN20 according to ISO 7005 Class 150 RF according to ASME B16.5 and



Gas Trains



- According to PED 2014/68/EU
- X-Ray Reports and Third Party Inspection
- Special Engineering Designs and CAD drawings,
- Inspection certificate 3.1 according to EN 10204
- Bio recycling gas variant
- Worldwide shipment including all custom formalities

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Combustion
Controls

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Combustion Control



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Controls

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Burner Management Systems

Gas Valves and Actuators

Gas burner controls

Damper Actuators

Flame Detectors



NOTES

For more information, contact your local sales representative or agency.



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