

SINGLE STAGE SOLENOID SAFETY GAS VALVES, DN 15-32

PH/PF-SERIE

	Name of the parameter	Pressure range, bar	Nominal Diameter DN	Thread Diameter, inch	Max. switching frequency, 1/h	Max. rated power consumption, W, (of each solenoid)	Max. weight, kg	Max. dimensions length/width/height, mm	Number of solenoids, pcs	Operating environment temperature, °C	Service term, switchings, min	Pipework position	Resistance factor	
THREAD	Normally open	PFA15AH4	0-4	15	½	1000	25	1,9	95/65/135	1	-30 to +70	1.000.000	horizontal (recommended) or vertical	-
		PFA20AH4	0-4	20	¾	1000	25	1,9	95/65/135					-
		PFA25AH4	0-4	25	1	1000	25	2,1	105/65/140					-
THREAD	Normally closed	PHA15AH02	0-0,2	15	½	1000	25	1,9	95/65/135	1	-30 to +70	1.000.000	horizontal (recommended) or vertical	5,2
		PHA15AH4 Gas flow adjustment available	0-4	15	½	1000	25	1,9	95/65/135					5,2
		PHA15AH6	0-6	15	½	300	25	2,5	95/80/160					5,2
		PHA20AH02	0-0,2	20	¾	1000	25	1,9	95/65/135					8,0
		PHA20AH4 Gas flow adjustment available	0-4	20	¾	1000	25	1,9	95/65/135					8,0
		PHA20AH6	0-6	20	¾	300	25	2,5	95/80/160					8,0
		PHA25AH02	0-0,2	25	1	1000	25	2,1	105/75/140					11,0
		PHA25AH4 Gas flow adjustment available	0-4	25	1	1000	25	2,1	105/75/140					11,0
		PHA25AH6	0-6	25	1	300	35	2,8	105/80/170					11,0
		PHA32AH1 Gas flow adjustment available	0-1	32	1¼	1000	25	2,9	140/95/200					8,0
		PHA32AH3 Gas flow adjustment available	0-3	32	1¼	1000	35	3,5	140/95/200					8,0
		PHA32AH6	0-6	32	1¼	300	35	3,5	140/95/200					8,0
THREAD	For liquid medium	PHA15AC4	0-4	15	½	500	35	2,6	95/65/135	1	+5°C to +90°C	500.000	horizontal (recommended) or vertical	10,1
		PHA20AC4	0-4	20	¾	500	35	2,6	95/65/135					22,5
		PHA25AC4	0-4	25	1	500	35	2,8	105/75/140					51,1

SINGLE STAGE SOLENOID SAFETY GAS VALVES, DN 25-50

PH/PF-SERIE

	Name of the parameter	Pressure range, bar	Nominal Diameter DN	Thread Diameter, inch	Distance spacing on centers of the tapings/ diameter of the tapings	Max. switching frequency, 1/h	Max. rated power consumption, W, (of each solenoid)	Max. weight, kg	Max. dimensions length/ width/ height, mm	Number of solenoids, pcs	Operating environment temperature, °C	Service term, switchings, min	Pipework position	Resistance factor
FLANGE/THREAD	PHA25(F)AH4 Gas flow adjustment available	0-4	25	1	75/11 mm	1000	25	3,5	160/95/195	1	-30 to +70	1.000.000	horizontal (recommended), vertical	6,2
	PHA25(F)AH6	0-6	25	1	75/11 mm	300	35	4,5	160/95/195					6,2
	PHA32FAH1 Gas flow adjustment available	0-1	32	–	90/12,5 mm	1000	25	3,7	160/100/200					11,8
	PHA32FAH3 Gas flow adjustment available	0-3	32	–	90/12,5 mm	1000	35	4,5	160/100/200					11,8
	PHA32FAH6	0-6	32	–	90/12,5mm	300	35	4,5	160/100/200					11,8
THREAD	PHA40AH1 Gas flow adjustment available	0-1	40	1½	–	1000	25	4,4	165/110/215	1	-30 to +70	1.000.000	horizontal (recommended), vertical	10,4
	PHA40AH2 Gas flow adjustment available	0-2				1000	25	5,2	165/110/215					
	PHA40AH3 Gas flow adjustment available	0-3				1000	35	5,2	165/110/215					
	PHA40AH6	0-6				300	40	5,3	165/110/235					
FLANGE	PHA40FAH1 Gas flow adjustment available	0-1	40	–	100/12,5 mm	1000	25	4,4	165/110/215	1	-30 to +70	1.000.000	horizontal (recommended), vertical	9,1
	PHA40FAH2 Gas flow adjustment available	0-2				1000	25	5,2	165/110/215					
	PHA40FAH3 Gas flow adjustment available	0-3				1000	35	5,2	165/110/215					
	PHA40FAH6	0-6				300	40	5,3	165/110/235					
THREAD	PHA50AH1 Gas flow adjustment available	0-1	50	2	–	1000	25	4,7	165/120/215	1	-30 to +70	1.000.000	horizontal (recommended), vertical	12,6
	PHA50AH2 Gas flow adjustment available	0-2				1000	25	5,5	165/120/215					
	PHA50AH3 Gas flow adjustment available	0-3				1000	35	5,5	165/120/215					
	PHA50AH6	0-6				300	40	5,9	165/120/235					

SINGLE STAGE SOLENOID SAFETY GAS VALVES, DN 50-100

PH/PF-SERIE

	Name of the parameter	Pressure range, bar	Nominal Diameter DN	Distance spacing on centers of the tapings/ diameter of the tapings, mm	Max. switching frequency, 1/h	Max. rated power consumption, W, (of each solenoid)	Max. weight, kg	Max. dimensions length/width/height, mm	Number of solenoids, pcs	Operating environment temperature, °C	Service term, switchings, min	Pipework position	Resistance factor
FLANGE	PHA50FAH1 Gas flow adjustment available	0-1	50	110/12,5	1000	25	4,7	120/145/215	1	-30 to +70	500.000	horizontal (recommended), vertical	11,6
	PHA50FAH2 Gas flow adjustment available	0-2			1000	25	5,5	120/145/215					
	PHA50FAH3 Gas flow adjustment available	0-3			1000	35	5,5	120/145/215					
	PHA50FAH6	0-6			300	40	5,9	120/145/235					
FLANGE	PHA65AH05 Gas flow adjustment available	0-0,5	65	130/14	300	40	8,2	235/145/270	1	-30 to +70	500.000	horizontal ± 15°	9,4
	PHA65AH1 Gas flow adjustment available	0-1			300	55	8,7	235/145/285					
	PHA65AH3 Gas flow adjustment available	0-3			300	65	9,0	235/145/300					
	PHA65AH6	0-6			150	65	11,0	235/145/300					
FLANGE	PHA80AH05 Gas flow adjustment available	0-0,5	80	150/18	300	55	9,8	260/170/300	1	-30 to +70	500.000	horizontal ± 15°	9,3
	PHA80AH1 Gas flow adjustment available	0-1			300	65	10,2	260/170/315					
	PHA80AH3 Gas flow adjustment available	0-3			300	90	12,5	260/170/320					
	PHA80AH6	0-6			150	90	13,5	260/170/320					
FLANGE	PHA100AH05 Gas flow adjustment available	0-0,5	100	170/18	300	55	11,8	280/185/325	1	-30 to +70	500.000	horizontal ± 15°	10,9
	PHA100AH1 Gas flow adjustment available	0-1			300	65	12,1	280/185/340					
	PHA100AH3 Gas flow adjustment available	0-3			300	90	14,4	280/185/345					
	PHA100AH6	0-6			150	90	15,5	280/185/345					

SINGLE STAGE SOLENOID SAFETY GAS VALVES, DN 125-300

PH/PF-SERIE

	Name of the parameter	Pressure range, bar	Nominal Diameter DN	Distance spacing on centers of the tapings/ diameter of the tapings, mm	Max. switching frequency, 1/h	Max. rated power consumption, W, (of each solenoid)	Max. weight, kg	Max. dimensions length/width/height, mm	Number of solenoids, pcs	Operating environment temperature, °C	Service term, switchings, min	Pipework position	Resistance factor
FLANGE	PHS125AH1 Gas flow adjustment available	0-1	125	200/18	-	110	55	400/305/465	1	-30 to +70	5 x 10 ⁵	Horizontal ± 15°	10
	PHS125AH3 Gas flow adjustment available	0-3											
	PHS125AH6	0-6											
FLANGE	PHS150AH1/PHC150AH1 Gas flow adjustment available	0-1	150	225/18	-	120	105	470/330/565	1	-30 to +70	5 x 10 ⁵	Horizontal ± 15°	7
	PHS150AH3/PHC150AH3 Gas flow adjustment available	0-3											
	PHS150AH6/PHC150AH6	0-6											
FLANGE	PHS200AH1/PHC200AH1 Gas flow adjustment available	0-1	200	280/18	-	150	148	600/440/720	1	-30 to +70	5 x 10 ⁵	Horizontal ± 15°	10
	PHS200AH3/PHC200AH3 Gas flow adjustment available	0-3											
	PHS200AH6/PHC200AH6	0-6											
FLANGE	PHS250AH1 Gas flow adjustment available	0-1	250	350/22	-	180	280	700/550/860	1	-30 to +70	5 x 10 ⁵	Horizontal ± 15°	10
	PHS250AH3 Gas flow adjustment available	0-3											
	PHS250AH6	0-6											
FLANGE	PHS300AH1 Gas flow adjustment available	0-1	300	400/22	-	220	420	850/650/1030	1	-30 to +70	5 x 10 ⁵	Horizontal ± 15°	10
	PHS300AH3 Gas flow adjustment available	0-3				260							
	PHS300AH6	0-6				450							