

WIDE RANGE

G1/8 ÷ G1 1/2 2/2 - 3/2 NC-NO

COMPRESSED AIR VERSION

VACUUM VERSION

Available also with external pilot vacuum supply

HIGH FLOW RATE

Up to 35000 NI/min (G1 1/2)



		AF NI/min Compressed air	AG m³/h Vacuum
	G1/8 (Ø 5,5)	580	1,5
	G1/4 (Ø 8)	1100	4
	G3/8 (Ø 10)	1500	10
	G1/2 (Ø 15)	5400	20
	G3/4 (Ø 19)	6500	35
	G1 (Ø 25)	13500	90
	G1 1/2 (Ø 39)	35000	180

Poppet system
UNIVER Original since 1973



SERIES AG - POPPET VALVES FOR VACUUM G1/8 ÷ G1 1/2



Reference standard

ATEX
2014/34/UE



Temperature

MAX + 50 °C

CHARACTERISTICS

Fluid	filtered air 50 µm, with or without lubrication - vacuum
Commutation system	poppet
Vacuum Max	759,5 mm Hg
Valve body	zamak (G1/8 ÷ G1), aluminium (G1 1/2)
Seals	polyurethane conical poppets and Vulkollan diaphragm(a) ; silicon poppets(b)
Spool	aluminium (G1/8 ÷ G3/8), steel + plastic (G1/2 ÷ G1 1/2)
Voltage	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC
Manual override	impulse screw 2 positions

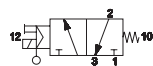
(a) = valve for vacuum with external air oforation

(b) = valve for direct vacuum with external vacuum oforation



Connections	G1/8	G1/4	G3/8	G1/2	G3/4	G1	G1 1/2
Nominal bore (mm)	5,5	8	10	15	19	25	39
	G1/8			G1/4 ÷ G1 1/2			
Electropilot	U1			U2			
Coil	DA			DB			
Power consumption	3,5 W (DC) - 5 VA (AC)			11 W (DC) - 10 VA (AC)			
Connector	AM-5110			AM-5111			

3/3 Solenoid valve for vacuum with external pilot air supply G1/8 ÷ G3/8

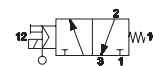


3/2 NC

AG-3001 G1/8

3/2 NO

AG-3002 G1/8



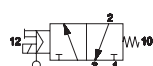
3/2 NC

AG-3009 G1/4
AG-3011 G3/8

3/2 NO

AG-3010 G1/4
AG-3012 G3/8

3/2 Solenoid valve for vacuum with external pilot air supply G1/2 ÷ G1 1/2



3/2 NC

AG-3020 G1/2
AG-3040 G3/4
AG-3050 G1

3/2 NO

AG-3021 G1/2
AG-3041 G3/4
AG-3051 G1



3/2 NC

AG-3062 G1 1/2

3/2 NO

AG-3063 G1 1/2

2/2 NC-NO versions available on request

Solenoid valves are supplied without coil/connector/locking nut

3/2 Pneumatic valve for vacuum with external air oration G1/8 ÷ G3/8



	3/2 NC	
	AG-3071 G1/8	
	3/2 NO	
	AG-3072 G1/8	



	3/2 NC	
	AG-3073 G1/4 AG-3075 G3/8	
	3/2 NO	
	AG-3074 G1/4 AG-3076 G3/8	

3/2 Pneumatic valve for vacuum with external air oration G1/2 ÷ G1 1/2



	3/2 NC	
	AG-3081 G1/2 AG-3091 G3/4 AG-3100 G1	
	3/2 NO	
	AG-3082 G1/2 AG-3092 G3/4 AG-3101 G1	



	3/2 NC	
	AG-3110 G1 1/2	
	3/2 NO	
	AG-3111 G1 1/2	

3/2 Solenoid valve for direct vacuum with pilot vacuum supply G1/4 ÷ G1 1/2



	3/2 NC	
	AG-3210 G1/4 AG-3214 G3/8	
	3/2 NO	
	AG-3211 G1/4 AG-3215 G3/8	



	3/2 NC	
	AG-3222 G1/2 AG-3232 G3/4 AG-3242 G1	
	3/2 NO	
	AG-3223 G1/2 AG-3233 G3/4 AG-3243 G1	



	3/2 NC	
	AG-3256 G1 1/2	
	3/2 NO	
	AG-3257 G1 1/2	

2/2 - 3/2 Solenoid valve for vacuum with direct oration G1/4 - G1/2



	3/2 NC(a)	
	AG-3310 G1/4 Ø 3 mm AG-3311 G1/4 Ø 4 mm AG-3312 G1/4 Ø 5 mm AG-3313 G1/4 Ø 6 mm	
	2/2 NC	
	AG-3300 G1/4 Ø 3 mm AG-3301 G1/4 Ø 4 mm AG-3302 G1/4 Ø 5 mm AG-3303 G1/4 Ø 6 mm	



	3/2 NC(a)	
	AG-3330 G1/2 Ø 8 mm AG-3331 G1/2 Ø 10 mm AG-3332 G1/2 Ø 11 mm	
	3/2 NO	
	AG-3320 G1/2 Ø 8 mm AG-3321 G1/2 Ø 10 mm AG-3322 G1/2 Ø 11 mm	



Coil U2 - 17 VA	
DB-0607	24V AC - 50/60 Hz
DB-0608	110V AC - 50/60 Hz
DB-0610	220V AC - 50/60 Hz

Solenoid valves are supplied without coil/connector/locking nut