

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 AF - POPPET VALVES FOR COMPRESSED AIR G1/8 ÷ G1 1/2



Reference standard

ATEX
2014/34/UE



Pressure

MAX 10 bar (1 MPa)



Temperature

MAX + 50 °C

CHARACTERISTICS

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



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
Nominal flow rate (l/min)	580	1100	1500	5400	6500	13500	35000
	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			

Solenoid valves G1/8 ÷ G3/8



	3/2 NC	
	AF-2500	G1/8 U1
	3/2 NO	
	AF-2501	G1/8 U1



	3/2 NC	
	AF-2510	G1/4 U1
	AF-2517	G1/4 U2
	AF-2520	G3/8 U1
	3/2 NO	
	AF-2511	G1/4 U1
	AF-2518	G1/4 U2
	AF-2521	G3/8 U1
	3/2 NC	
	AF-2524	G3/8 U2

Solenoid valves G1/2 ÷ G1 1/2



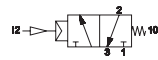
	3/2 NC	
	AF-2530	G1/2 U2
	AF-2540	G3/4 U2
	3/2 NO	
	AF-2531	G1/2 U2
	AF-2541	G3/4 U2
	3/2 NC	
	AF-2545	G1 U2



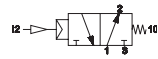
	3/2 NC	
	AF-2565	G1 1/2 U2
	3/2 NO	
	AF-2561	G1 1/2 U2

Solenoid valves are supplied without coil, connector and locking nut

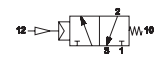
Pneumatic valves with external oforation G1/8 ÷ G3/8



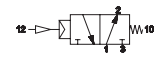
3/2 NC
AF-2600 G1/8



3/2 NO
AF-2700 G1/8



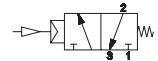
3/2 NC
AF-2601 G1/4
AF-2606 G3/8



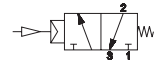
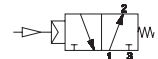
3/2 NO
AF-2701 G1/4
AF-2706 G3/8

Solenoid valves are supplied without coil, connector and locking nut

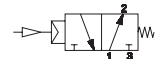
Pneumatic valves with external oforation G1/2 ÷ G1 1/2



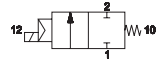
3/2 NC- NO
AF-2603 G1/2
AF-2610 G3/4
AF-2615 G1



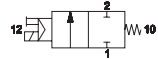
3/2 NC- NO
AF-2620 G1 1/2



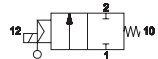
2/2 Solenoid valve for blowing G1



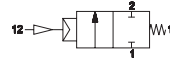
2/2 NC
AF-2550 G1



2/2 NC
AF-2551 G1



2/2 NC
AF-2552 G1



2/2 NC
AF-2617 G1

Solenoid valves are supplied without coil, connector and locking nut