

SERIES G6 - VALVES AND SOLENOID VALVES - THREADED BODY G1/8



Reference standard

ATEX
2014/34/UE



Pressure

1,5 bar (0,15 MPa)
9 bar (0,9 MPa)

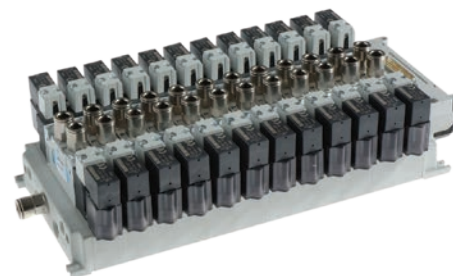


Temperature

- 5 °C
+ 50 °C

CHARACTERISTICS

Fluid	filtered air 50 µm, with or without lubrication		
Commutation system	spool		
Nominal bore (mm)	5		
Nominal flow rate (l/min)	770 (5/2)	700 (5/3)	670 (3/2+3/2)
Connections	G1/8		
Valve body	zamak		
Seals	NBR		
Spool	aluminium		
Electropilot/Coil	Series A/U05 - Series B/U04		
Voltage	24 V DC - 12 V DC - 24 V AC - 110 V AC - 230 V AC (only for version with integrated electrical connection)		
Power consumption	U05 = 2 W (DC) 2,3 VA (AC) U04 = 1,2 W (DC)		
Manual override	recessed button = 1 position		



Series	Type	Control 14	Return 12
G 6	6	4	4
G-6 20 mm - Valves and solenoid valves threaded body G1/8	2 5/2 3 5/3 c.c. 4 5/3 c.a. 5 5/3 c.p.	3 Pneumatic amplified 4 Electrical amplified DC 5 Electrical amplified DC/AC 6 Electrical amplified DC - electropilot 10 mm series B	0 Pneumomechanical spring 1 Mechanical spring 3 Pneumatic amplified Electrical amplified DC 5 Electrical amplified DC/AC 6 Electrical amplified DC (B series 10 mm electropilot)

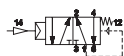
c.c. = closed centres **c.a.** = open centres **c.p.** = pressurized centres

Impulse pneumatic

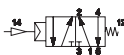
Single impulse



G-6230



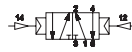
G-6231



Double impulse



G-6233



G-6333



G-6433



G-6533



G-6633



G-6733



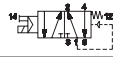
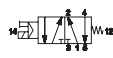
G-6833



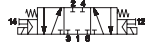
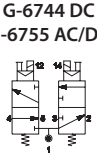
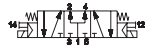
Solenoid valves are supplied without coil and connector

Impulse electrical - Electropilot series A (15 mm)

Single impulse

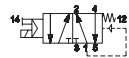
	G-6240 DC G-6250 AC/DC 			Coil with intergrated connector for multipolar version DD-051-2C 24 V DC DD-040-2C 24 V AC Single/double impulse
	G-6241 DC G-6251 AC/DC 			

Double impulse

	G-6244 DC G-6255 AC/DC 	G-6644 DC G-6655 AC/DC 	
	G-6344 DC G-6355 AC/DC 	G-6744 DC G-6755 AC/DC 	
	G-6444 DC G-6455 AC/DC 	G-6844 DC G-6855 AC/DC 	
	G-6544 DC G-6555 AC/DC 		

Impulse electrical - Electropilot series B (10 mm)

Single impulse

	G-6260 G-6261 
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Double impulse

	G-6266 	G-6666 	
	G-6366 	G-6766 	
	G-6466 	G-6866 	
	G-6566 		

Solenoid valves are supplied without coil and connector



Multipolar connection



External connection



Connector with loose cables

GP-6100	GP-6110	GP-611212	GP-611806	GP-6310/1/2	GP-6320/1/2
threaded end plate	blank end plate	threaded end plate with male connector 25 poles 12+12 coils control 12-14	threaded end plate with male connector 25 poles 18 coils control 14 6 coils control 12	sub-base with open diaphragms GP-6310 without electrical connection GP-6311 monostable GP-6312 bistable	sub-base with closed diaphragms GP-6320 without electrical connection GP-6321 monostable GP-6322 bistable

1 sub-base with closed air supply and open exhausts	3 - 5 sub-base with open air supply and closed exhausts					
GP-6330/1/2	GP-6340/1/2	GP-6380	GP-6385	GP-6400-1	GP-6400-2	GP-6400-5
GP-6330 without electrical connection GP-6331 monostable GP-6332 bistable	GP-6340 without electrical connection GP-6341 monostable GP-6342 bistable	intermediate supply plate (to be used only with GP-63... sub-base)	closing plate for unused valve place	modular tie-rod 1 valve place	modular tie-rod 2 valve places	modular tie-rod 5 valve places AZ4-SN004A No. 100 hexagonal nuts M4 AZ4-VN0416 No. 100 allen screws M4x16 for tie rods

on request customised solutions Up to 12 places

GP-6512-01/..MF	GP-6514-01/..MF	GP-651418	DD-...	DD-051-2C/DD-040-2C	DE-652I
BUS connection card control side 12 with 12 pins GP-6512-01MF 1 place GP-6512-02MF 2 places GP-6512-03MF 3 places GP-6512-05MF 5 places GP-6512-06MF 6 places	US connection card control side 14 with 12 pins GP-6514-01MF 1 place GP-6514-02MF 2 places GP-6514-03MF 3 places GP-6514-05MF 5 places GP-6514-06MF 6 places	BUS connection card control side 14 with 18 pins (only 12 places) for manifolds with control 14 and more than 12 coils (up to 18) use GP-651418 card 12 places and then GP-6514-...	24 V DC 2 W coil for single connection	24 V DC 2 W coil with integrated connector for multipolar version	24 V DC 1,35 W coil with in-line connector with protection for a complete tightness

Electrical connection

AM-5109	TSCF24S0300	Miniature connector with loose cables
	TSCF24S0500	D-530-30/50/200
	TSCF24S1000	
Connector 15 mm	sub-D flying female connector in compliance with CEI 20-22 O.R. II prewired for 24 coils (3-5-10 length) M3x12 fixing screws	D-530-30 = wire length 300 mm D-530-50 = wire length 500 mm D-530-200 = wire length 2000 mm