

**CHARACTERISTICS**

Ambient temperature	-5 ÷ +50 °C
Fluid	50 µm filtered air, with or without lubrication
Commutation system	spool
Pressure	1,5 ÷ 9 bar
Connections	sub-base interface
Nominal bore (mm)	5
Nominal flow rate (NI/min)	140 ÷ 740 (depending on the type of fittings)
Valve body	zamak
Seals	NBR
Spool	aluminium
Electropilot/Coil	A series/U05 - B series/U04
Voltage	24 V DC - 12 V DC - 24 V AC - 110 V AC - 230 V AC (only version with external connection)
Power consumption	U05 = 2 W (DC) 2,3 VA (AC) U04 = 1,2 W (DC)
Manual override	recessed button - 1 position



**CODIFICATION KEY**


G	L	-	6	6	4	4	
1	2	3	4	5			

1 Series	2 Type	3 Control 14	4 Return 12	5 Option
GL-6 = 20 mm - Valves and Solenoid Valves for sub-base mounting	2 = 5/2 3 = 5/3 c.c. 4 = 5/3 o.c. 5 = 5/3 p.c. 6 = 3/2+3/2 NC-NC 7 = 3/2+3/2 NC-NO 8 = 3/2+3/2 NO-NO	3 = Pneumatic amplified 4 = Electrical amplified DC 5 = Electrical amplified DC/AC 6 = Electrical amplified DC B series 10 mm electropilot	0 = Pneumomechanical spring 1 = Mechanical spring 3 = Pneumatic amplified 4 = Electrical amplified DC 5 = Electrical amplified DC/AC 6 = Electrical amplified DC B series 10 mm electropilot	D = External pilot supply

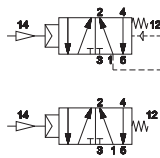
c.c. = closed centres o.c. = open centres p.c. = pressurized centres

**Pneumatic impulse**

■ Single impulse




GL-6230

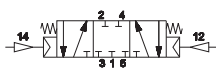


GL-6231

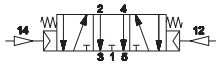
■ Double impulse



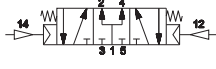
GL-6233



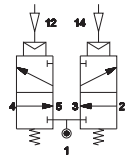
GL-6333



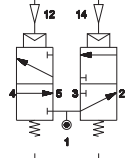
GL-6433



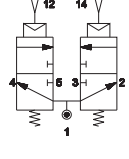
GL-6533



GL-6633



GL-6733

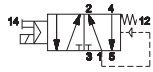


GL-6833

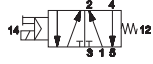
Solenoid valves are supplied without coil and connector

Electrical impulse - A series 15 mm Electropilot

Single impulse



GL-6240 DC  
GL-6250 AC/DC



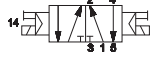
GL-6241 DC  
GL-6251 AC/DC



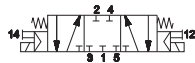
Coil with integrated connector for multipolar version  
**DD-051-2C** 24 V DC  
**DD-040-2C** 24 V AC

Single/double impulse

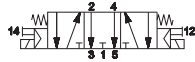
Double impulse



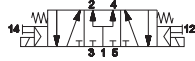
GL-6244 DC  
GL-6255 AC/DC



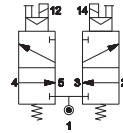
GL-6344 DC  
GL-6355 AC/DC



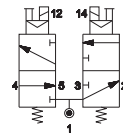
GL-6444 DC  
GL-6455 AC/DC



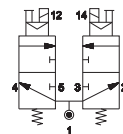
GL-6544 DC  
GL-6555 AC/DC



GL-6644 DC  
GL-6655 AC/DC



GL-6744 DC  
GL-6755 AC/DC



GL-6844 DC  
GL-6855 AC/DC

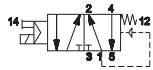


DIN C (8 mm)

For further information please contact our Sales Office

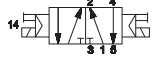
Electrical impulse - B series 10 mm Electropilot

Single impulse

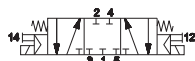


GL-6260  
GL-6261

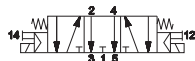
Double impulse



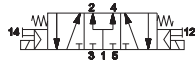
GL-6266



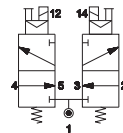
GL-6366



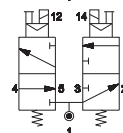
GL-6466



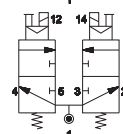
GL-6566



GL-6666



GL-6766



GL-6866

Solenoid valves are supplied without coil and connector

Electrical sub-base

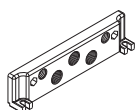
■ Multipolar connection

■ External connection

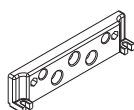
■ Connector with loose cables



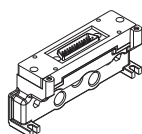
**GP-6100**      **GP-6110**      **GP-611212**      **GP-611806**      **GP-6210/1/2**      **GP-6220/1/2**



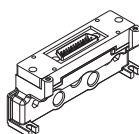
threaded end plate



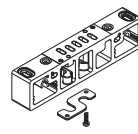
blank end plate



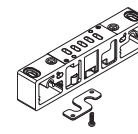
threaded end plate with male connector  
25 poles  
12+12 coils control 12-14



threaded end plate with male connector  
25 poles  
18 coils control 14  
6 coils control 12

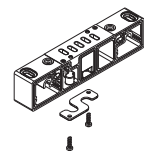


sub-base with open diaphragms  
GP-6210 without electrical connection  
GP-6211 monostable  
GP-6212 bistable

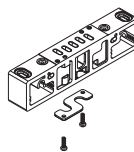


sub-base with closed diaphragms  
GP-6220 without electrical connection  
GP-6221 monostable  
GP-6222 bistable

**GP-6230/1/2**      **GP-6240/1/2**      **GP-6380**      **GP-6285**      **GP-6411**



sub-base with closed air supply and open exhausts  
GP-6230 without electrical connection  
GP-6231 monostable  
GP-6232 bistable



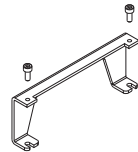
sub-base with open air supply and closed exhausts  
GP-6240 without electrical connection  
GP-6241 monostable  
GP-6242 bistable



intermediate supply plate  
(to be used only with GP-63... sub-bases)



closing plate for unused valve place



lifting bracket

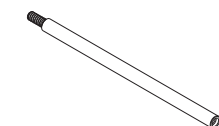
**GP-6400-1**      **GP-6400-2**      **GP-6400-5**      **GP-6512-01/..MF**      **GP-6514-01/..MF**      **GP-651418**



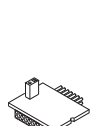
modular tie-rod  
1 valve place



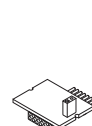
modular tie-rod  
2 valve places



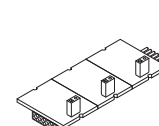
modular tie-rod  
5 valve places



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



BUS 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 with more than 12 coils (up to 18) use GP-651418 card 12 places and then GP-6514...

**AZ4-SN004A**

No. 100 nuts M4 for tie-rods

**AZ4-VN0416**

No. 100 screws M4x16 for tie-rods

customized solutions up to 12 places available upon request

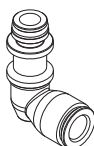
**GZR-100**      **GZR-V10004/6/8**      **GZR-V20004/6/8**      **GZR-V20L004/6/8**



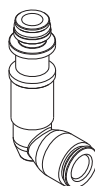
blanking plug



straight fitting  
GZR-V10004 tube: 4 mm  
GZR-V10006 tube: 6 mm  
GZR-V10008 tube: 8 mm



low elbow fitting  
GZR-V20004 tube: 4 mm  
GZR-V20006 tube: 6 mm  
GZR-V20008 tube: 8 mm

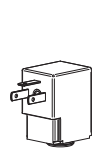


high elbow fitting  
GZR-V20L004 tube: 4 mm  
GZR-V20L006 tube: 6 mm  
GZR-V20L008 tube: 8 mm

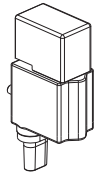
For sub-bases preset for external pilot supply, add suffix S to part number (e.g. GP-6210S)

3

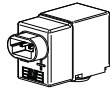
**DD-...**      **DD-051-2C/DD-040-2C**      **DE-652I**      **D-530-30/50/200**



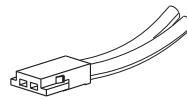
24 V DC 2 W coil for single connection



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

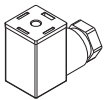


Miniature connector with loose cables

- D-530-30** = wire length 300 mm
- D-530-50** = wire length 500 mm
- D-530-200** = wire length 2000 mm

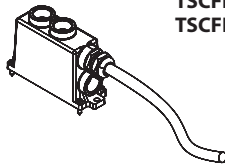
Electrical connections

**AM-5109**



15 mm connector

**TSCFN24S0300**  
**TSCFN24S0500**  
**TSCFN24S1000**



sub-D flying female connector in compliance with CEI 20-22 O.R. II prewired for 24 coils (3-5-10 m length) M3x12 fixing screws

■ Example of panel mounting

