

SERIES GL-6 – 20 MM VALVES AND SOLENOID VALVES FOR BASE ASSEMBLY



20 mm Valves and Solenoid Valves

- G1/8 threaded valve body with traditional Univer spool system
- Version with integrated electrical connection and external connection
- Compact design
- High flow rate
- Versions available: 5/2 - 5/3 - 3/2+3/2



Fluid	spool
Ambient temperature	5/2, 5/3, 3/2+3/2
Fluid temperature	1,5 ÷ 9 bar
Commutation system	indirect electro-pneumatic, pneumatic
Ways/Positions	mechanical spring, pneumomechanical spring
Pressure	G1/8
Control	5 mm
Return	5/2 = 770 5/3 = 700 3/2+3/2 = 670
Connections	G1/8
Nominal Ø	5 mm
Valve body	zamak
Seals	nitrile rubber
Subbase and actuators	self-extinguishing technopolymer
Spool	aluminum
Electropilot	series A - series B
Coil	U05 - 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)
Protection degree	IP65
Manual override	recessed button – 1 position

Nominal flow rate (NI/min)

	Straight connector			L-shaped connector		
	Ø4	Ø6	Ø8	Ø4	Ø6	Ø8
5/2	200	510	740	140	370	620
5/3	200	510	670	140	370	550
3/2+3/2	200	510	640	140	370	520



Reference standard

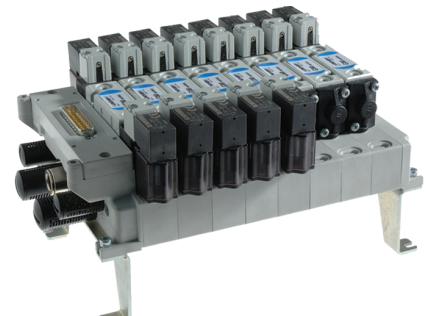
II 2G Ex h IIC T5 Gb



II 2D Ex h IIC T100°C Db



II 3 GD c nA II T5 -10°C ≤ Ta ≤ 45°C IP65



Ordering codes

- C.C. = closed centres
O.C. = open centres
P.C. = pressurized centres

Series

Type

Control 14

Return 12

Option

G L - 6

6

4

4

D

GL-6 20 mm Valves and solenoid valves - threaded body G1/8

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 10mm 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 servoassisted pilot

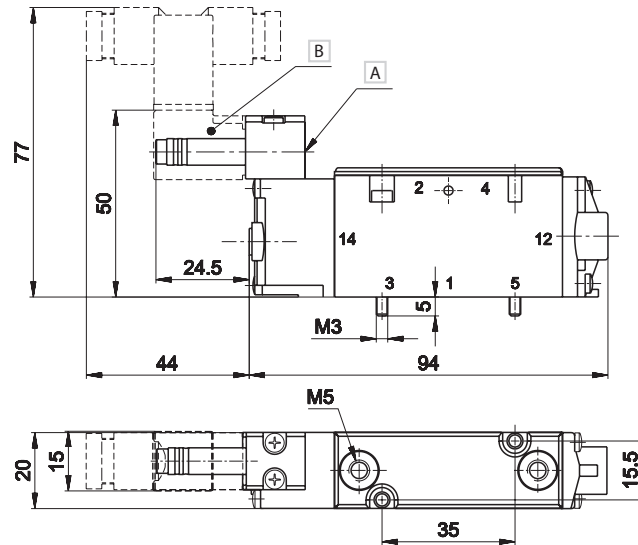
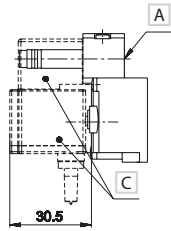
ELECTRIC PILOT IMPULSE 15 MM (U5 COILS)

	Code	Way	Control 14	Return 12	Flow rate (Nl/min)	Pressure bar	Resp. Time En. De-en.	Weight kg	
SINGLE ELECTRIC IMPULSE									
	GL-6240	5/2	electrical amplified DC	pneumatic + spring	740	1,5÷9	21 30	0,112	
	GL-6250	5/2	electrical amplified DC/AC	pneumatic + spring	740	1,5÷9	21 30	0,112	
	GL-6241	5/2	electrical amplified DC	spring mechanical	740	1,5÷9	18 64	0,112	
	GL-6251	5/2	electrical amplified DC/AC	spring mechanical	740	1,5÷9	18 64	0,112	
BISTABLE ELECTRICAL IMPULSE									
	GL-6244	5/2	electrical amplified DC	electrical amplified DC	740	0,6÷9	16 16	0,143	
	GL-6255	5/2	electrical amplified DC/AC	electrical amplified DC/AC	740	0,6÷9	16 16	0,143	
	GL-6344	5/3 C.C.	electrical amplified DC	electrical amplified DC	670	1,5÷9	16 47	0,148	
	GL-6355	5/3 C.C.	electrical amplified DC/AC	electrical amplified DC/AC	670	1,5÷9	16 47	0,148	
	GL-6444	5/3 O.C.	electrical amplified DC	electrical amplified DC	670	2,0÷9	16 47	0,148	
	GL-6455	5/3 O.C.	electrical amplified DC/AC	electrical amplified DC/AC	670	2,0÷9	16 47	0,148	
	GL-6544	5/3 C.P.	electrical amplified DC	electrical amplified DC	670	1,5÷9	16 47	0,148	
	GL-6555	5/3 C.P.	electrical amplified DC/AC	electrical amplified DC/AC	670	1,5÷9	16 47	0,148	
	GL-6644	3/2 NC + 3/2 NC	electrical amplified DC	electrical amplified DC	640	1,5÷9	14 17	0,140	
	GL-6655	3/2 NC + 3/2 NC	electrical amplified DC/AC	electrical amplified DC/AC	640	1,5÷9	14 17	0,140	
	GL-6744	3/2 NC + 3/2 NO	electrical amplified DC	electrical amplified DC	640	1,5÷9	14 17	0,140	
	GL-6755	3/2 NC + 3/2 NO	electrical amplified DC/AC	electrical amplified DC/AC	640	1,5÷9	14 17	0,140	
	GL-6844	3/2 NO + 3/2 NO	electrical amplified DC	electrical amplified DC	640	1,5÷9	14 17	0,140	
	GL-6855	3/2 NO + 3/2 NO	electrical amplified DC/AC	electrical amplified DC/AC	640	1,5÷9	14 17	0,140	

C.C. = closed centres O.C. = open centres P.C. = pressurized centres

Solenoid valves are supplied without coil and connector

SINGLE ELECTRIC IMPULSE



A Manual override

B Coil with connector for single connection

C Coil with integrated connector for multipolar version [DD-051-2C/DD-040-2C](#)

1 = Supply port

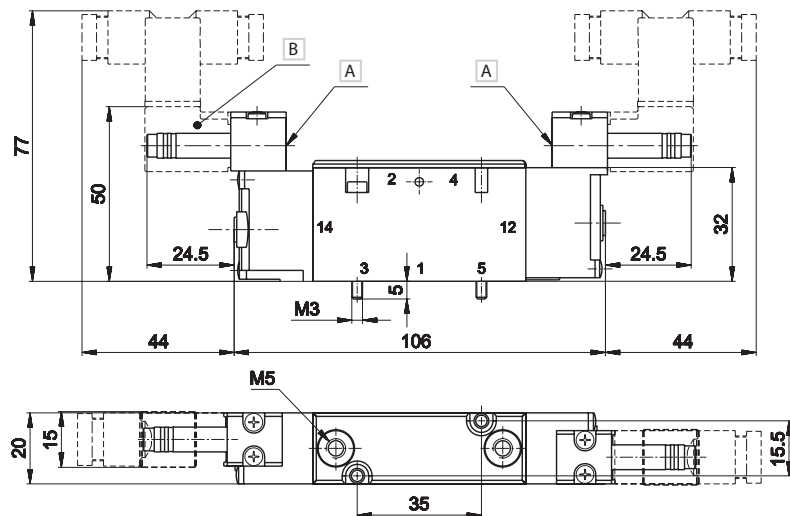
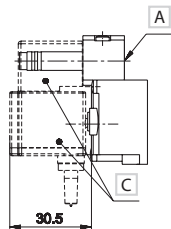
2 - 4 = Use

3 - 5 = Exhaust

14 = Control

12 = Return

BISTABLE ELECTRICAL IMPULSE



A Manual override

B Coil with connector for single connection

C Coil with integrated connector for multipolar version [DD-051-2C/DD-040-2C](#)

1 = Supply port

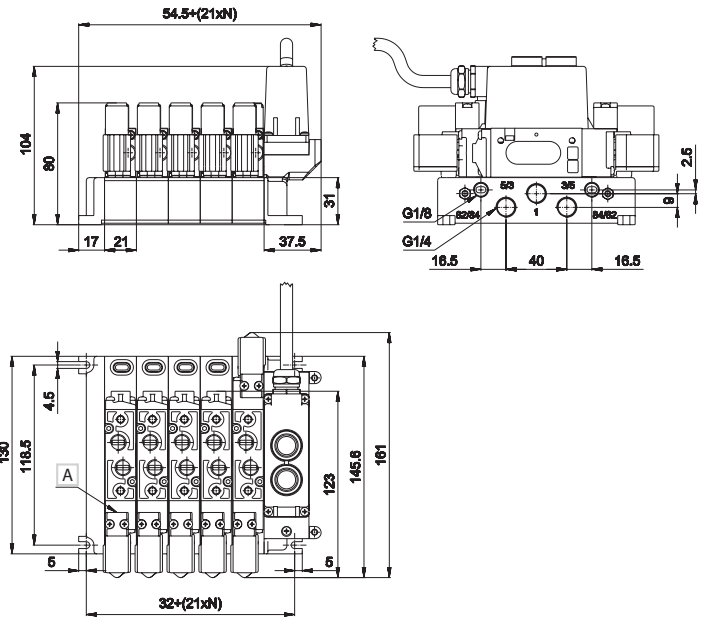
2 - 4 = Use

3 - 5 = Exhaust

14 = Control

12 = Return

MULTIPIN ELECTRICAL CONNECTION



A Manual override

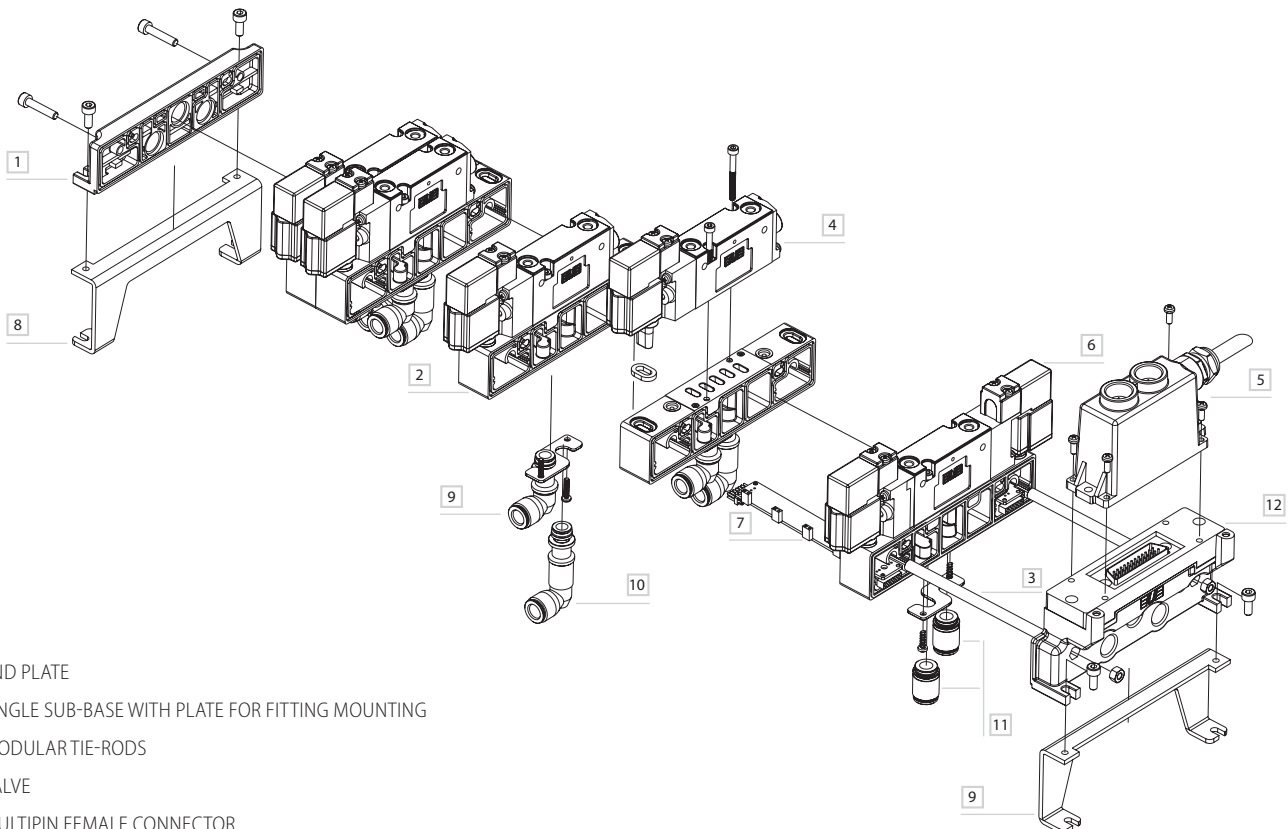
1 = Supply port

2 - 4 = Use

5/3 - 3/5 = Exhaust G1/4

82/84 - 84/82 = Electropilots exhaust G1/8

N = Number of valve positions

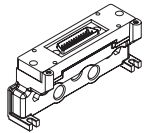


- 1 END PLATE
- 2 SINGLE SUB-BASE WITH PLATE FOR FITTING MOUNTING
- 3 MODULARTIE-RODS
- 4 VALVE
- 5 MULTIPIN FEMALE CONNECTOR
- 6 COIL WITH INTEGRATED CONNECTOR
- 7 BUS CONNECTION CARD
- 8 LIFTING BRACKET
- 9 LOW ELBOW FITTING
- 10 HIGH ELBOW FITTING
- 11 STRAIGHT FITTINGS
- 12 END PLATE WITH MULTIPIN CONNECTION MODULE

TIGHTENING TORQUE FOR FITTINGS

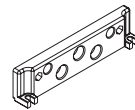
THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - MULTIPIN ELECTRICAL CONNECTION



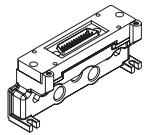
GP-611212

end plate with male connector
25 poles 12+12 coils control 12-14
weight: 0,100 Kg



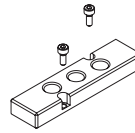
GP-61110

blank end plate
weight: 0,050 Kg



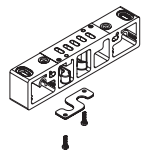
GP-611806

end plate with male connector 25 poles
18 coils control 14
6 coils control 12
(only for control 14 more than 12 coils max 18)
weight: 0,102 Kg



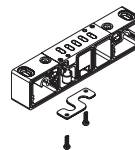
GP-6380

intermediate supply plate
(to be used only with GP-63... series sub-base)
weight: 0,036 Kg



GP-6211

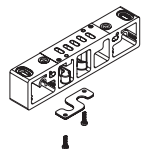
sub-base with open diaphragms monostable
weight: 0,060 Kg



GP-6231

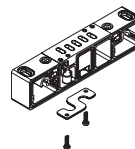
3 1 5

sub-base with closed supply and open exhausts mostable
weight: 0,062 Kg



GP-6212

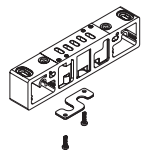
sub-base with open diaphragms bistable
weight: 0,060 Kg



GP-6232

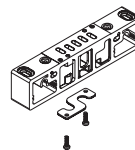
3 1 5

sub-base with closed supply and open exhausts bistable
weight: 0,062 Kg



GP-6221

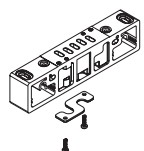
sottobase con diaframmi chiusi monostabile
peso: 0,068 Kg



GP-6241

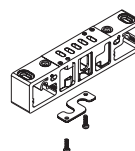
3 1 5

sud-base with open supply and closed exhausts mostable
weight: 0,062 Kg



GP-6222

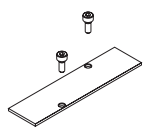
sub-base with closed diaphragms bistable
weight: 0,062 Kg



GP-6242

3 1 5

sud-base with open supply and closed exhausts bistable
weight: 0,062 Kg



GP-6385

closing plate for unused station
weight: 0,018 Kg



GP-6400-1

modular tie-rod
1 valve place
weight: 0,004 Kg
(package 100 pcs.)

AZ4-VN0416

screw M04x16 for tie-rods
(package 100 pcs.)

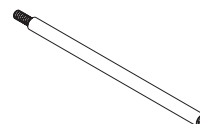


GP-6400-2

modular tie-rod
2 valve places
weight: 0,010 Kg
(package 100 pcs.)

AZ4-SN004A

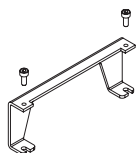
hexagonal nut M4
(package 100 pcs.)



GP-6400-5

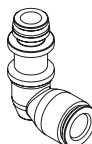
modular tie-rod
5 valve places
weight: 0,022 Kg
(package 100 pcs.)

ACCESSORIES - MULTIPIN ELECTRICAL CONNECTION



GP-6411

lifting bracket
weight: 0,086 Kg



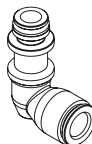
GZR-V20004

low elbow fitting
(package 50 pcs.)
tube: 4 mm
weight: 0,013 Kg



GZR-100

blanking plug
weight: 0,010 Kg



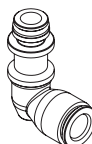
GZR-V20006

low elbow fitting
(package 50 pcs.)
tube: 6 mm
weight: 0,014 Kg



GZR-V10004

straight fitting
(package 50 pcs.)
tube: 4 mm
weight: 0,010 Kg



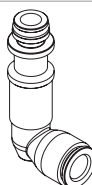
GZR-V20008

low elbow fitting
(package 50 pcs.)
tube: 8 mm
weight: 0,015 Kg



GZR-V10006

straight fitting
(package 50 pcs.)
ube: 6 mm
weight: 0,010 Kg



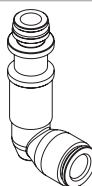
GZR-V20L004

high elbow fitting
(package 50 pcs.)
tube: 4 mm
weight: 0,017 Kg



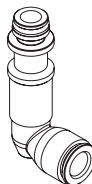
GZR-V10008

straight fitting
(package 50 pcs.)
tube: 8 mm
weight: 0,010 Kg



GZR-V20L006

high elbow fitting
(package 50 pcs.)
tube: 6 mm
weight: 0,021 Kg



GZR-V20L008

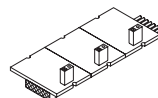
high elbow fitting
(package 50 pcs.)
tube: 8 mm
weight: 0,027 Kg

ACCESSORIES - MULTIPIN ELECTRICAL CONNECTION



GP-6512-01MF
GP-6512-02MF
GP-6512-03MF
GP-6512-05MF
GP-6512-06MF

sBUS connection card
control side 12 with 12 pin
weight: 0,003 Kg



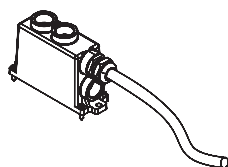
GP-651418

BUS connection card
control side 14 with 18 pin
(only 12 places)
for manifold assemblies
with
control 14 with more than
12 coils up to 18 coils use
card
GP-651418 12 places
and then **GP-6514-...**
weight: 0,003 Kg
(for each place)



GP-6514-01MF
GP-6514-02MF
GP-6514-03MF
GP-6514-05MF
GP-6514-06MF

BUS connection card
control side 14 with 12 pin
weight: 0,003 Kg
(for each place)

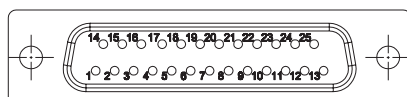


TSCF24S0300
TSCF24S0500
TSCF24S1000

flying connector
female Sub-D connector
compliant with
CEI 20-22 O.R. II (on request)
pre-wired for 24 coils
M3 x 12 fixing screws

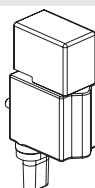
CABLE COLOUR CODING IN ACCORDANCE WITH THE DIN 47100 STANDARD

25-PIN D-SUB FEMALE CONNECTOR FOR CONNECTING 12+12 COILS



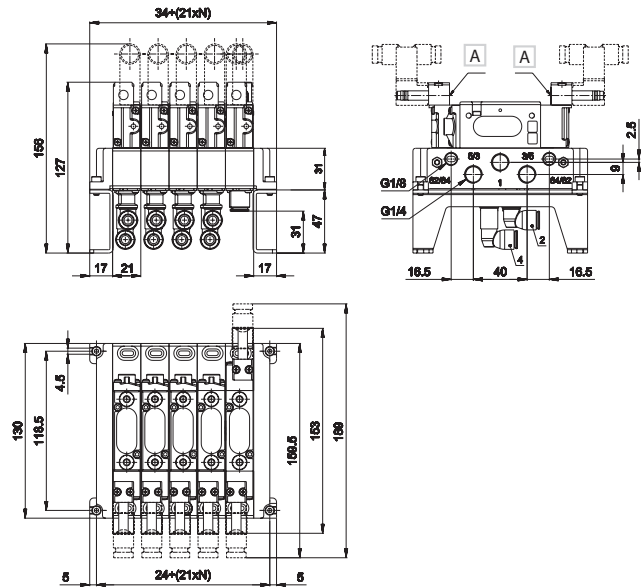
PIN N°	Coloure	Coil	Side drive		Valve N°
			GP-611212	GP-611806	
1	white	1	14	14	1
2	brown	2	12	12	1
3	green	3	14	14	2
4	yellow	4	12	12	2
5	gray	5	14	14	3
6	pink	6	12	12	3
7	blue	7	14	14	4
8	red	8	12	12	4
9	black	9	14	14	5
10	purple	10	12	12	5
11	gray-pink	11	14	14	6
12	red-blue	12	12	12	6
13	white-green	13	14	14	7
14	brown-green	14	12	14	7
15	white-yellow	15	14	14	8
16	yellow-brown	16	12	14	8
17	white-gray	17	14	14	9
18	gray-brown	18	12	14	9
19	white-pink	19	14	14	10
20	pink-brown	20	12	14	10
21	white-blue	21	14	14	11
22	brown-blue	22	12	14	11
23	white-red	23	14	14	12
24	brown-red	comune	-	-	-
25	white-black	24	12	14	12

INTEGRATED COIL



Code	Durata ED %	Power consumption DC W		Current consumption AC VA		Tolleranza tensione %	Rated voltage	Weight Kg
		Hold	Inrush	Hold	Inrush			
DD-051-2C	100	2	2	-	-	±10	24 V DC	0,028
DD-040-2C	100	-	-	2,3	3,2	±10	24 V AC	0,028

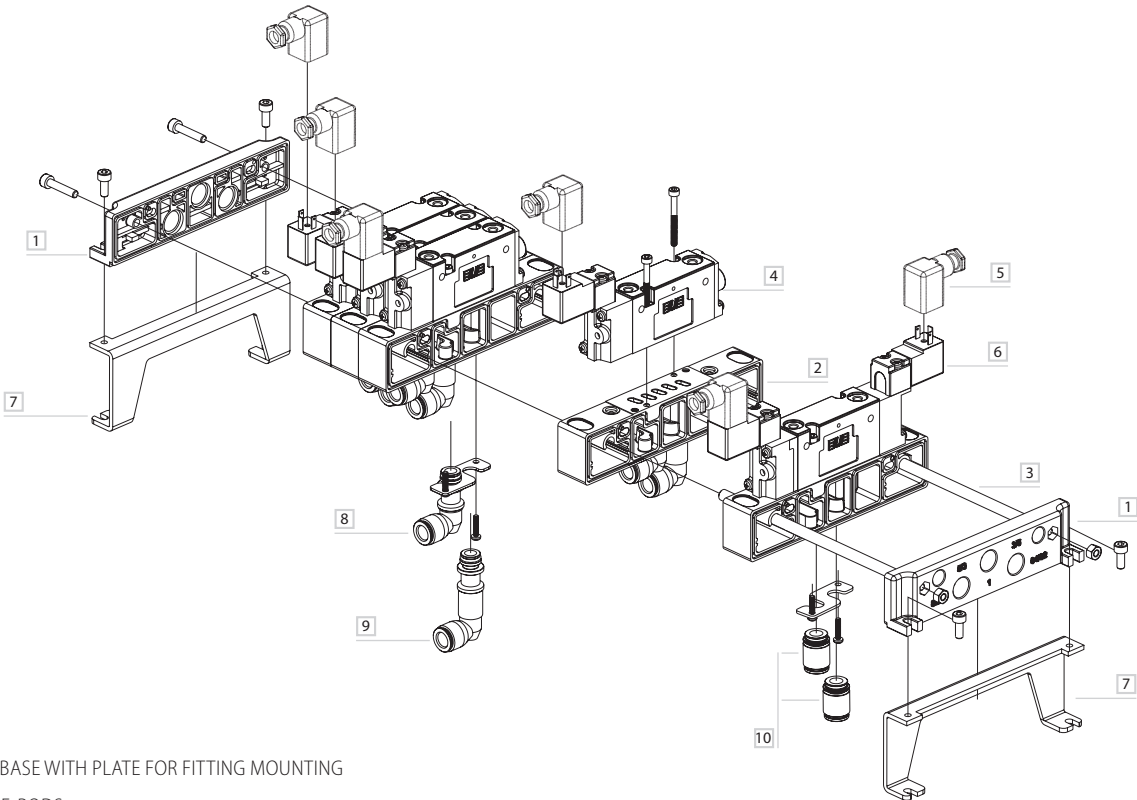
ELECTRICAL CONNECTION WITH 15MM EXTERNAL PILOT CONNECTOR (U5 COIL)



A Manual override

- 1 = Supply port
- 2 - 4 = Use
- 5/3 - 3/5 = Exhaust G1/4
- 82/84 - 84/82 = Electropilots exhaust G1/8

N = Number of valve positions

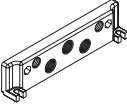
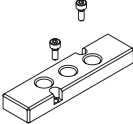
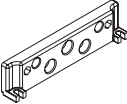
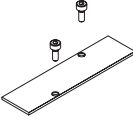
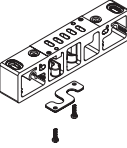
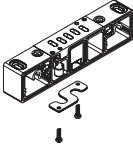
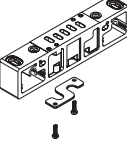
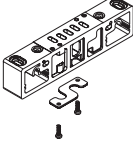
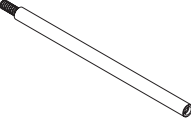
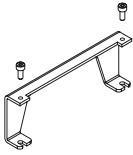


- 1 END PLATE
- 2 SINGLE SUB-BASE WITH PLATE FOR FITTING MOUNTING
- 3 MODULAR TIE-RODS
- 4 VALVE
- 5 COIL
- 6 MULTIPIN FEMALE CONNECTOR
- 7 LIFTING BRACKET
- 8 LOW ELBOW FITTING
- 9 HIGH ELBOW FITTING
- 10 STRAIGHT FITTING

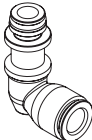
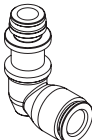
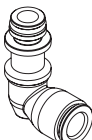
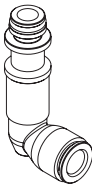
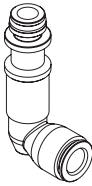
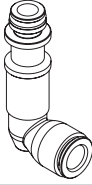
TIGHTENING TORQUE FOR FITTINGS

THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - ELECTRICAL CONNECTION WITH 15MM EXTERNAL PILOT CONNECTOR (U5 COIL)

	GP-6100	threaded end plate weight: 0,046 Kg		GP-6380	intermediate supply plate (to be used only with GP-63... series sub-base) weight: 0,036 Kg
	GP-6110	blank end plate weight: 0,050 Kg		GP-6385	closing plate for unused station weight: 0,018 Kg
	GP-6210	sub-base with open diaphragms without electrical connection weight: 0,060 Kg		GP-6230 3 1 5	sub-base with closed supply and open exhausts without electrical connection weight: 0,062 Kg
	GP-6220	sub-base with closed diaphragms without electrical connection weight: 0,062 Kg		GP-6240 3 1 5	sub-base with open supply and closed exhausts without electrical connection weight: 0,062 Kg
	GP-6400-1	modular tie-rod 1 valve place weight: 0,004 Kg (package 100 pcs.)		AZ4-VN0416	screw M04x16 for tie-rods (package 100 pcs.)
	GP-6400-2	modular tie-rod 2 valve places weight: 0,010 Kg (package 100 pcs.)		AZ4-SN004A	hexagonal nut M4 (package 100 pcs.)
	GP-6400-5	modular tie-rod 5 valve places weight: 0,022 Kg (package 100 pcs.)		GP-6411	lifting bracket weight: 0,086 Kg

ACCESSORIES - ELECTRICAL CONNECTION WITH 15MM EXTERNAL PILOT CONNECTOR (U5 COIL)

	GZR-V20004	low elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,013 Kg		GZR-100	blanking plug weight: 0,010 Kg
	GZR-V20006	low elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,014 Kg		GZR-V10004	straight fitting (package 50 pcs.) tube: 4 mm weight: 0,010 Kg
	GZR-V20008	low elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,015 Kg		GZR-V10006	straight fitting (package 50 pcs.) tube: 6 mm weight: 0,010 Kg
	GZR-V20L004	high elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,017 Kg		GZR-V10008	straight fitting (package 50 pcs.) tube: 8 mm weight: 0,010 Kg
	GZR-V20L006	high elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,021 Kg			
	GZR-V20L008	high elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,027 Kg			

COIL

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

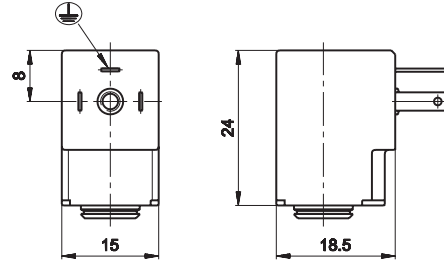
360° rotation on the pilot. Coil winding: H class

Ambient temperature: -10 ÷ +45 °C. Fluid temperature: -10 ÷ +95 °C.

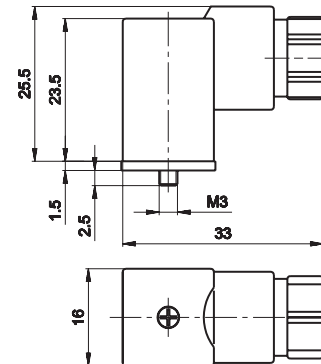
The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.

Protection class IP65, if used with connector.

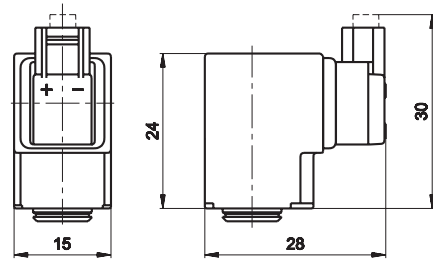
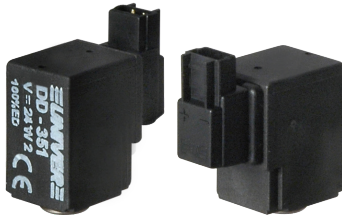

U05 15 MM COIL FASTON


Code	Duty cycle ED(a) %	Power consumption W				Tolerance tension %		Rated voltage		Frequency HZ	Weight Kg
		DC W		AC VA							
		Hold	Inrush	Hold	Inrush	DC	AC	DC	AC		
DD-013	100	-	-	3,5	-	-	±10	-	230	50/60	0,019
DD-040	100	-	-	2,3	3,2	-	±10	-	24	50/60	0,019
DD-041	100	2	2	-	-	±10	-	12	-	-	0,019
DD-042	100	2,5	2,5	-	-	±10	-	12	-	-	0,019
DD-050	100	-	-	2,3	3,2	±10	-	-	48	50/60	0,019
DD-051	100	2	2	-	-	±10	-	24	-	-	0,019
DD-052	100	2,5	2,5	-	-	±10	-	24	-	-	0,019
DD-060	100	-	-	-	-	-	±10	-	110	50/60	0,019
DD-070	100	-	-	2,3	3,2	-	-	-	230	50/60	0,019

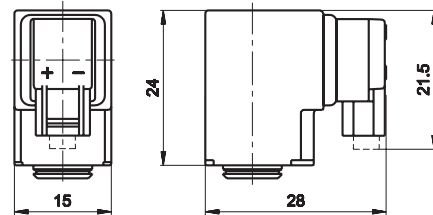
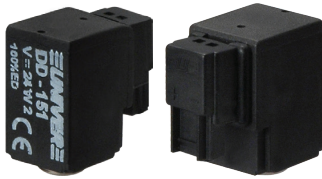
CONNECTOR 15 MM


Code	Coils	Protection according	cable connection	rotation
AM-5109	U04 / U05	IP65	PG9	180°

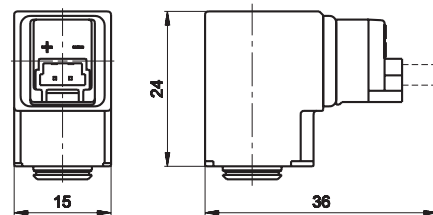
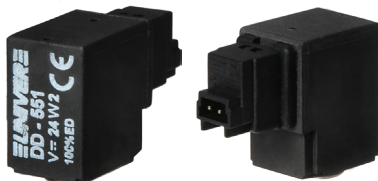
available on request with indicator light

U05 COIL WITH INTEGRATED 90° UPWARD CONNECTOR


Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-351	100	2	2	±10	24 V DC	0,019

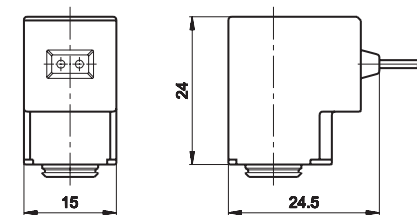
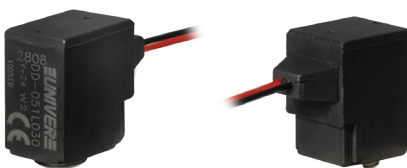
U05 COIL WITH INTEGRATED 90° DOWNWARD CONNECTOR


Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-151	100	2	2	±10	24 V DC	0,019

U05 COIL WITH IN-LINE CONNECTOR


Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-551	100	2	2	±10	24 V DC	0,019

Upon request: version with LED and V DC version

U05 COIL WITH LOOSE CABLES (LENGTH 300 MM)


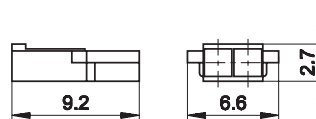
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-051L030	100	2	2	±10	24 V DC	0,019
DD-052L030	100	2,5	2,5	±10	24 V DC	0,019

WARNING! Do not invert the polarity when connecting the coil with LED.

Upon request version with LED

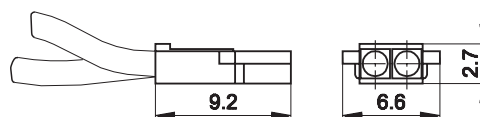
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

MINIATURE CONNECTOR WITHOUT WIRES



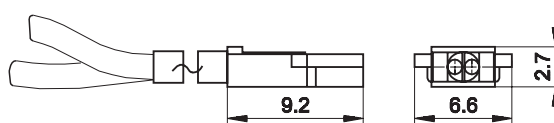
Code	Length (mm)	Coil
D-500	-	Series U05

MINIATURE CONNECTOR WITH LOOSE CABLES



Code	Length (mm)	Coil
D-530-30	300	Series U05
D-530-50	500	SeriesU05
D-530-200	2000	Serie sU05

MINIATURE CONNECTOR WITH CABLE



Code	Length (mm)	Coil
D-535-30	300	Series U05
D-535-50	500	SeriesU05
D-535-200	2000	Series U05

WARNING! Do not invert the polarity when connecting the coil with LED.

Upon request version with LED

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

ELECTRIC PILOT IMPULSE 10 MM (U4 COILS)

	Code	Way	Control	Return	Flow rate	Pressure	Resp. Time	Weight	
			14	12	(Nl/min)	bar	En. De-en.	kg	

SINGLE ELECTRIC IMPULSE



GL-6260	5/2	electrical amplified	pneumatic + spring	740	1,5÷9	21	30	0,112	
GL-6261	5/2	electrical amplified	spring mechanical	740	1,5÷8	22	90	0,092	

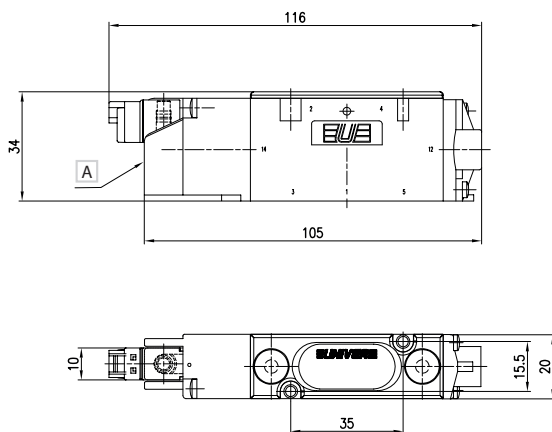
BISTABLE ELECTRICAL IMPULSE



GL-6266	5/2	electrical amplified	electrical amplified	740	0,6÷9	16	16	0,143	
GL-6366	5/3 C.C.	electrical amplified	electrical amplified	670	1,5÷9	16	47	0,148	
GL-6466	5/3 O.C.	electrical amplified	electrical amplified	670	2,0÷9	16	47	0,148	
GL-6566	5/3 P.C.	electrical amplified	electrical amplified	670	1,5÷9	16	47	0,148	
GL-6666	3/2 NC + 3/2 NC	electrical amplified	electrical amplified	640	1,5÷9	14	17	0,140	
GL-6766	3/2 NC + 3/2 NO	electrical amplified	electrical amplified	640	1,5÷9	14	17	0,140	
GL-6866	3/2 NO + 3/2 NO	electrical amplified	electrical amplified	640	1,5÷9	14	17	0,140	

C.C. = closed centres O.C. = open centres P.C. = pressurized centres

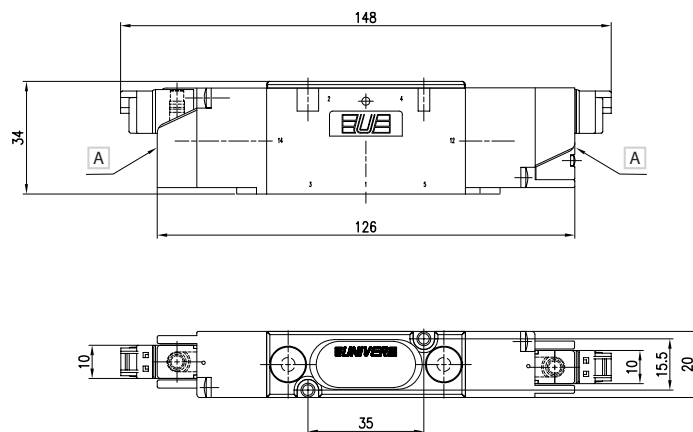
SINGLE ELECTRIC IMPULSE



A Manual override

1 = Supply port
2 - 4 = Use
3 - 5 = Exhaust
14 = Control
12 = Return

BISTABLE ELECTRICAL IMPULSE

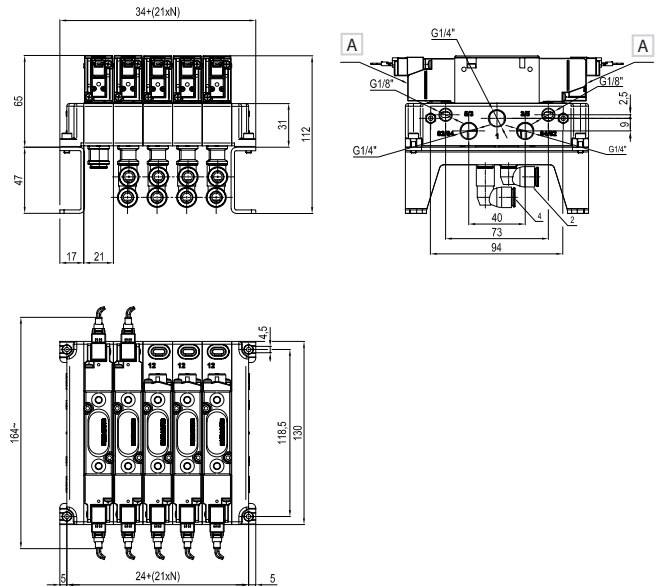
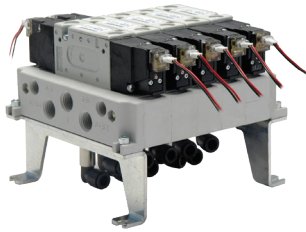


A Manual override

1 = Supply port
2 - 4 = Use
3 - 5 = Exhaust
14 = Control
12 = Return

Solenoid valves are supplied without coil and connector

ELECTRIC PILOT IMPULSE 10 MM (U4 COILS)



A Manual override

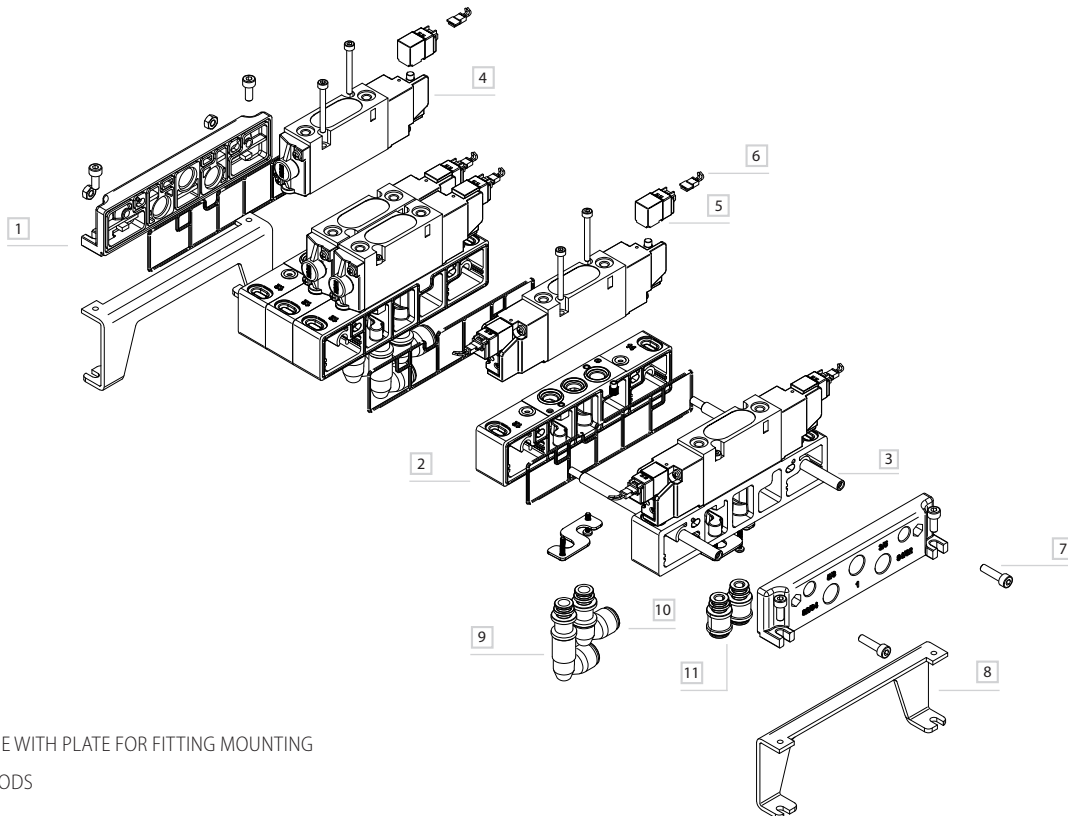
1 = Supply port

2 - 4 = Use

5/3 - 3/5 = Exhaust G1/4

82/84 - 84/82 = Electropilots exhaust G1/8

N = Number of valve positions

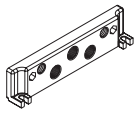


- 1 END PLATE
- 2 SINGLE SUB-BASE WITH PLATE FOR FITTING MOUNTING
- 3 MODULAR TIE-RODS
- 4 VALVE
- 5 MULTIPIN FEMALE CONNECTOR
- 6 COIL WITH INTEGRATED CONNECTOR
- 7 BUS CONNECTION CARD
- 8 LIFTING BRACKET
- 9 LOW ELBOW FITTING
- 10 HIGH ELBOW FITTING
- 11 STRAIGHT FITTINGS

TIGHTENING TORQUE FOR FITTINGS

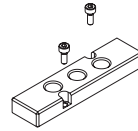
THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - ELECTRIC PILOT IMPULSE 10 MM (U4 COILS)



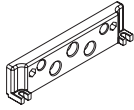
GP-6100

threaded end plate
weight: 0,046 Kg



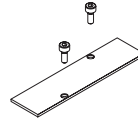
GP-6380

intermediate supply plate
(to be used only with
GP-63... series sub-base)
weight: 0,036 Kg



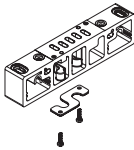
GP-6110

blank end plate
weight: 0,050 Kg



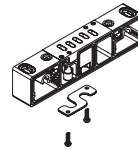
GP-6385

closing plate for
unused station
weight: 0,018 Kg



GP-6210

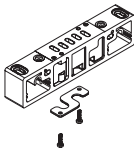
sub-base with
open diaphragms
without
electrical connection
weight: 0,060 Kg



GP-6230

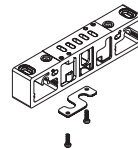
3 1 5

sub-base with
closed supply and
open exhausts without
electrical connection
weight: 0,062 Kg



GP-6220

sub-base with
closed diaphragms without
electrical connection
weight: 0,062 Kg



GP-6240

3 1 5

sub-base with
open supply and
closed exhausts without
electrical connection
weight: 0,062 Kg



GP-6400-1

modular tie-rod
1 valve place
weight: 0,004 Kg
(package 100 pcs.)

AZ4-VN0416

screw M04x16 for tie-rods
(package 100 pcs.)

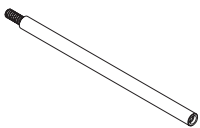


GP-6400-2

modular tie-rod
2 valve places
weight: 0,010 Kg
(package 100 pcs.)

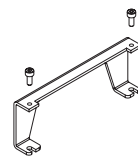
AZ4-SN004A

hexagonal nut M4
(package 100 pcs.)



GP-6400-5

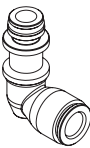
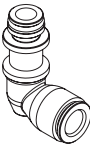
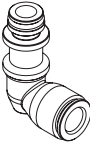
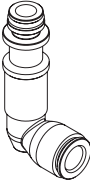
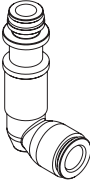
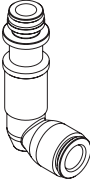
modular tie-rod
5 valve places
weight: 0,022 Kg
(package 100 pcs.)



GP-6411

lifting bracket
weight: 0,086 Kg

ACCESSORIES - ELECTRIC PILOT IMPULSE 10 MM (U4 COILS)

	GZR-V20004	low elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,013 Kg		GZR-100	blanking plug weight: 0,010 Kg
	GZR-V20006	low elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,014 Kg		GZR-V10004	straight fitting (package 50 pcs.) tube: 4 mm weight: 0,010 Kg
	GZR-V20008	low elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,015 Kg		GZR-V10006	straight fitting (package 50 pcs.) tube: 6 mm weight: 0,010 Kg
	GZR-V20L004	high elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,017 Kg		GZR-V10008	straight fitting (package 50 pcs.) tube: 8 mm weight: 0,010 Kg
	GZR-V20L006	high elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,021 Kg			
	GZR-V20L008	high elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,027 Kg			

COIL

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

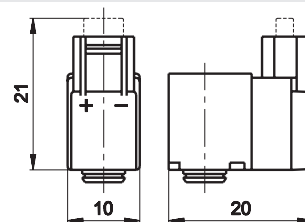
360° rotation on the pilot. Coil winding: H class

Ambient temperature: -10 ÷ +45 °C. Fluid temperature: -10 ÷ +95 °C.

The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

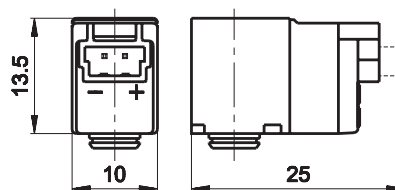
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.

Protection class IP65, if used with connector.


U04 COIL WITH INTEGRATED 90° HIGH-PROFILE CONNECTOR


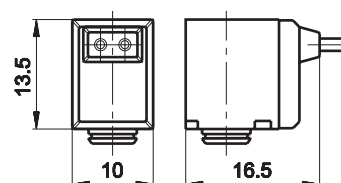
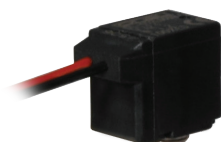
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-352	100	1,2	1,2	±10	24 V DC	0,013
DE-355	100	0,5	0,5	±10	24 V DC	0,013
DE-452	100	1,35	1,35	±10	24 V DC	0,013

On request: 12 VDC

U04 COIL WITH IN-LINE CONNECTOR


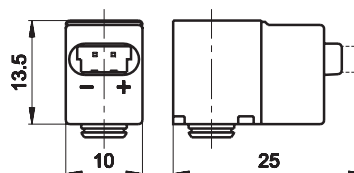
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-552	100	1,2	1,2	±10	24 V DC	0,013
DE-555	100	0,5	0,5	±10	24 V DC	0,013
DE-652	100	1,35	1,35	±10	24 V DC	0,013

On request: 12 VDC

U04 COIL WITH LOOSE WIRES (LENGTH 300 MM)


Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-052L030	100	1,2	1,2	±10	24 V DC	0,013

On request: 12 VDC

U04 COIL WITH IN-LINE HEADPHONE CONNECTOR FITTED


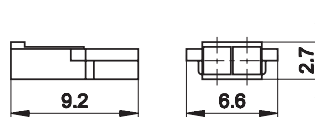
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-642I	100	1,35	1,35	±10	12 V DC	0,013
DE-652I	100	1,35	1,35	±10	24 V DC	0,013
DE-655I	100	0,5	0,5	±10	24 V DC	0,013

WARNING! Do not invert the polarity when connecting the coil with LED.

Upon request version with LED

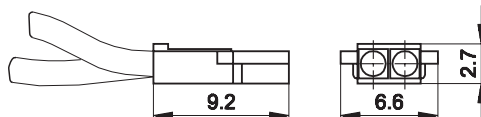
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

MINIATURE CONNECTOR WITHOUT WIRES



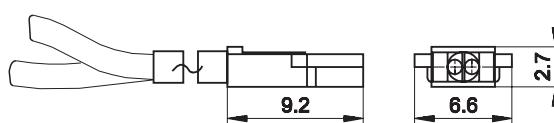
Code	Length (mm)	Coil
D-500	-	Series U05

MINIATURE CONNECTOR WITH LOOSE CABLES



Code	Length (mm)	Coil
D-530-30	300	Series U05
D-530-50	500	SeriesU05
D-530-200	2000	Serie sU05

MINIATURE CONNECTOR WITH CABLE



Code	Length (mm)	Coil
D-535-30	300	Series U05
D-535-50	500	SeriesU05
D-535-200	2000	Series U05

WARNING! Do not invert the polarity when connecting the coil with LED.

Upon request version with LED

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

PNEUMATIC IMPULSE

	Code	Way	Control 14	Return 12	Flow rate (NI/min)	Pressure bar	Resp. Time En. De-en.	Weight kg	
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SINGLE PNEUMATIC IMPULSE



GL-6230	5/2	pneumatic amplified	pneumatic + spring	740	1,5÷10	7	16	0,092	
GL-6231	5/2	pneumatic amplified	mechanical spring	740	0,9÷10	6	18	0,092	

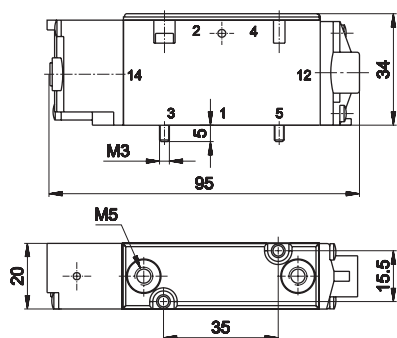
PNEUMATIC IMPULSE BISTABLE



GL-6233	5/2	pneumatic amplified	pneumatic amplified	740	0,7÷10	5	5	0,103	
GL-6333	5/3 C.C.	pneumatic amplified	pneumatic amplified	670	1,5÷9	6	19	0,192	
GL-6433	5/3 O.C.	pneumatic amplified	pneumatic amplified	670	2,0÷9	6	19	0,192	
GL-6533	5/3 P.C.	pneumatic amplified	pneumatic amplified	670	1,5÷9	6	19	0,192	
GL-6633	3/2 NC + 3/2 NC	pneumatic amplified	pneumatic amplified	640	1,5÷9	3	14	0,188	
GL-6733	3/2 NC + 3/2 NO	pneumatic amplified	pneumatic amplified	640	1,5÷9	3	14	0,188	
GL-6833	3/2 NO + 3/2 NO	pneumatic amplified	pneumatic amplified	640	1,5÷9	3	14	0,188	

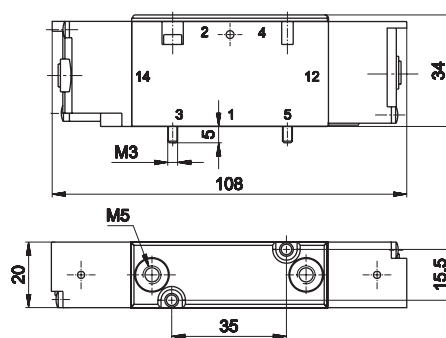
C.C. = closed centres O.C. = open centres P.C. = pressurized centres

SINGLE PNEUMATIC IMPULSE



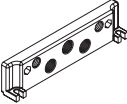
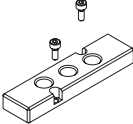
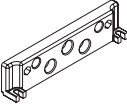
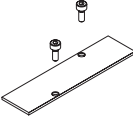
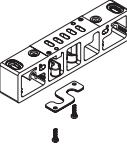
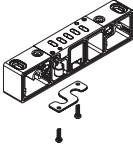
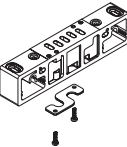
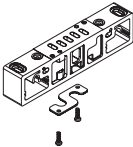
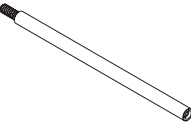
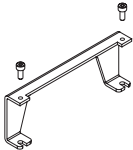
1 = Supply port
2 - 4 = Use
3 - 5 = Exhaust
14 = Control
12 = Return

PNEUMATIC IMPULSE BISTABLE

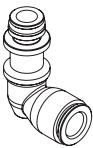
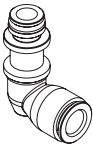
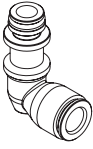
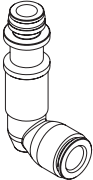
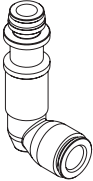
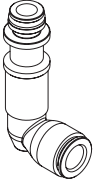


1 = Supply port
2 - 4 = Use
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14 = Control
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ACCESSORIES - PNEUMATIC IMPULSE

	GP-6100	threaded end plate weight: 0,046 Kg		GP-6380	intermediate supply plate (to be used only with GP-63... series sub-base) weight: 0,036 Kg
	GP-6110	blank end plate weight: 0,050 Kg		GP-6385	closing plate for unused station weight: 0,018 Kg
	GP-6210	sub-base with open diaphragms without electrical connection weight: 0,060 Kg		GP-6230 3 1 5	sub-base with closed supply and open exhausts without electrical connection weight: 0,062 Kg
	GP-6220	sub-base with closed diaphragms without electrical connection weight: 0,062 Kg		GP-6240 3 1 5	sub-base with open supply and closed exhausts without electrical connection weight: 0,062 Kg
	GP-6400-1	modular tie-rod 1 valve place weight: 0,004 Kg (package 100 pcs.)		AZ4-VN0416	screw M04x16 for tie-rods (package 100 pcs.)
	GP-6400-2	modular tie-rod 2 valve places weight: 0,010 Kg (package 100 pcs.)		AZ4-SN004A	hexagonal nut M4 (package 100 pcs.)
	GP-6400-5	modular tie-rod 5 valve places weight: 0,022 Kg (package 100 pcs.)		GP-6411	lifting bracket weight: 0,086 Kg

ACCESSORIES - PNEUMATIC IMPULSE

	GZR-V20004	low elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,013 Kg		GZR-100	blanking plug weight: 0,010 Kg
	GZR-V20006	low elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,014 Kg		GZR-V10004	straight fitting (package 50 pcs.) tube: 4 mm weight: 0,010 Kg
	GZR-V20008	low elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,015 Kg		GZR-V10006	straight fitting (package 50 pcs.) tube: 6 mm weight: 0,010 Kg
	GZR-V20L004	high elbow fitting (package 50 pcs.) tube: 4 mm weight: 0,017 Kg		GZR-V10008	straight fitting (package 50 pcs.) tube: 8 mm weight: 0,010 Kg
	GZR-V20L006	high elbow fitting (package 50 pcs.) tube: 6 mm weight: 0,021 Kg			
	GZR-V20L008	high elbow fitting (package 50 pcs.) tube: 8 mm weight: 0,027 Kg			