

SERIES G-6 – VALVES AND SOLENOID VALVES, 20 MM THREADED



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
Nominal flow rate (NI/min)	5/2 = 770 5/3 = 700 3/2+3/2 = 670
Valve body	zamak
Seals	NBR
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



Norma di Riferimento

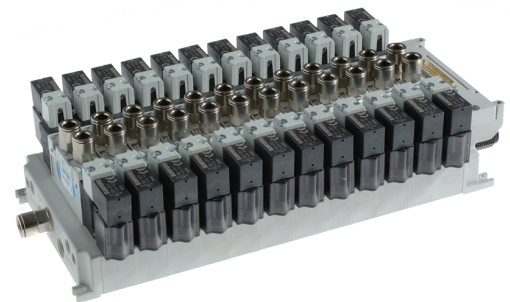
II 2G Ex h IIC T5 Gb



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 6	6	4	4	D
G-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

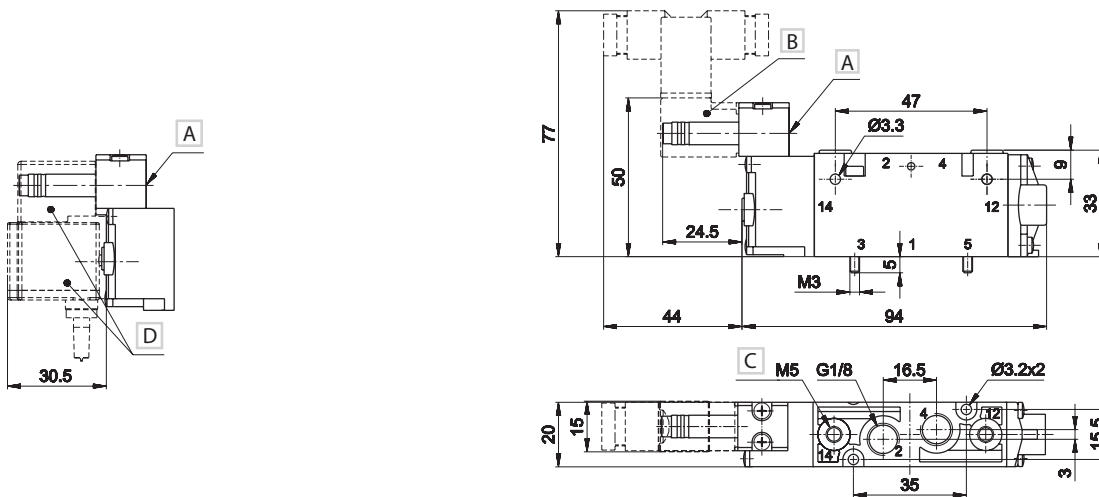
ELECTRIC IMPULSE PILOT 15 MM (COIL U5)

	Code	Way	Control 14	Return 12	Flow rate (NI/min)	Pressure bar	Resp. Time En. De-en.	Weight kg	
SINGLE ELECTRIC IMPULSE									
	G-6240	5/2	electrical amplified DC	pneumatic + spring	770	1,5÷9	21 30	0,112	
	G-6250	5/2	electrical amplified DC/AC	pneumatic + spring	770	1,5÷9	21 30	0,112	
	G-6241	5/2	electrical amplified DC	spring mechanical	770	1,5÷9	18 64	0,112	
	G-6251	5/2	electrical amplified DC/AC	spring mechanical	770	1,5÷9	18 64	0,112	
BISTABLE ELECTRICAL IMPULSE									
	G-6244	5/2	electrical amplified DC	electrical amplified DC	770	0,6÷9	16 16	0,143	
	G-6255	5/2	electrical amplified DC/AC	electrical amplified DC/AC	770	0,6÷9	16 16	0,143	
	G-6344	5/3 C.C.	electrical amplified DC	electrical amplified DC	700	1,9÷9	16 47	0,148	
	G-6355	5/3 C.C.	electrical amplified DC/AC	electrical amplified DC/AC	700	1,9÷9	16 47	0,148	
	G-6444	5/3 O.C.	electrical amplified DC	electrical amplified DC	700	2,0÷9	16 47	0,148	
	G-6455	5/3 O.C.	electrical amplified DC/AC	electrical amplified DC/AC	700	2,0÷9	16 47	0,148	
	G-6544	5/3 C.P.	electrical amplified DC	electrical amplified DC	700	1,9÷9	16 47	0,148	
	G-6555	5/3 C.P.	electrical amplified DC/AC	electrical amplified DC/AC	700	1,9÷9	16 47	0,148	
	G-6644	3/2 NC + 3/2 NC	electrical amplified DC	electrical amplified DC	670	1,5÷9	14 17	0,140	
	G-6655	3/2 NC + 3/2 NC	electrical amplified DC/AC	electrical amplified DC/AC	670	1,5÷9	14 17	0,140	
	G-6744	3/2 NC + 3/2 NO	electrical amplified DC	electrical amplified DC	670	1,5÷9	14 17	0,140	
	G-6755	3/2 NC + 3/2 NO	electrical amplified DC/AC	electrical amplified DC/AC	670	1,5÷9	14 17	0,140	
	G-6844	3/2 NO + 3/2 NO	electrical amplified DC	electrical amplified DC	670	1,5÷9	14 17	0,140	
	G-6855	3/2 NO + 3/2 NO	electrical amplified DC/AC	electrical amplified DC/AC	670	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

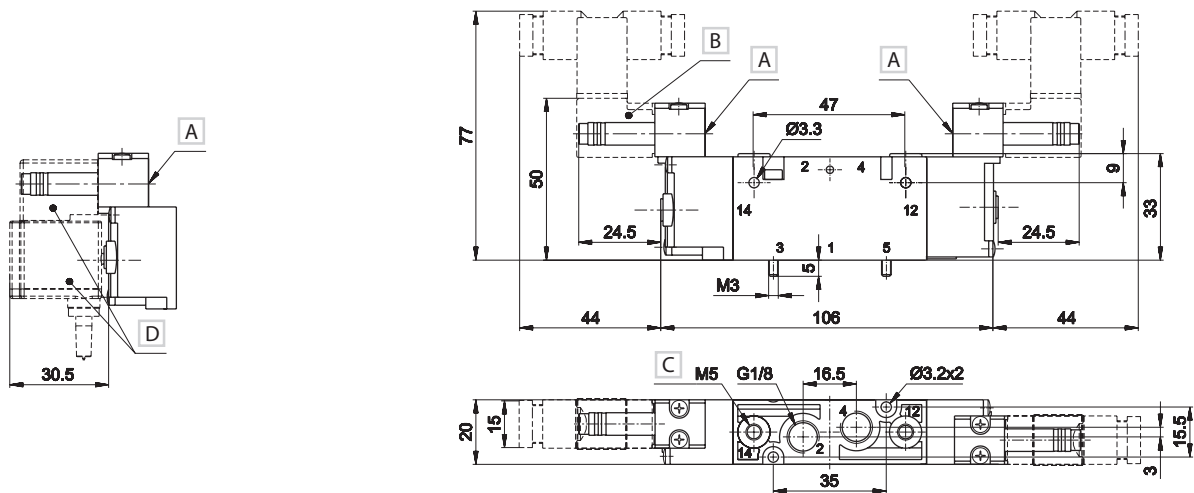
SINGLE ELECTRIC IMPULSE



- A** Manual override
- B** Coil with connector for single connection
- C** External servoassisted pilot
- D** 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

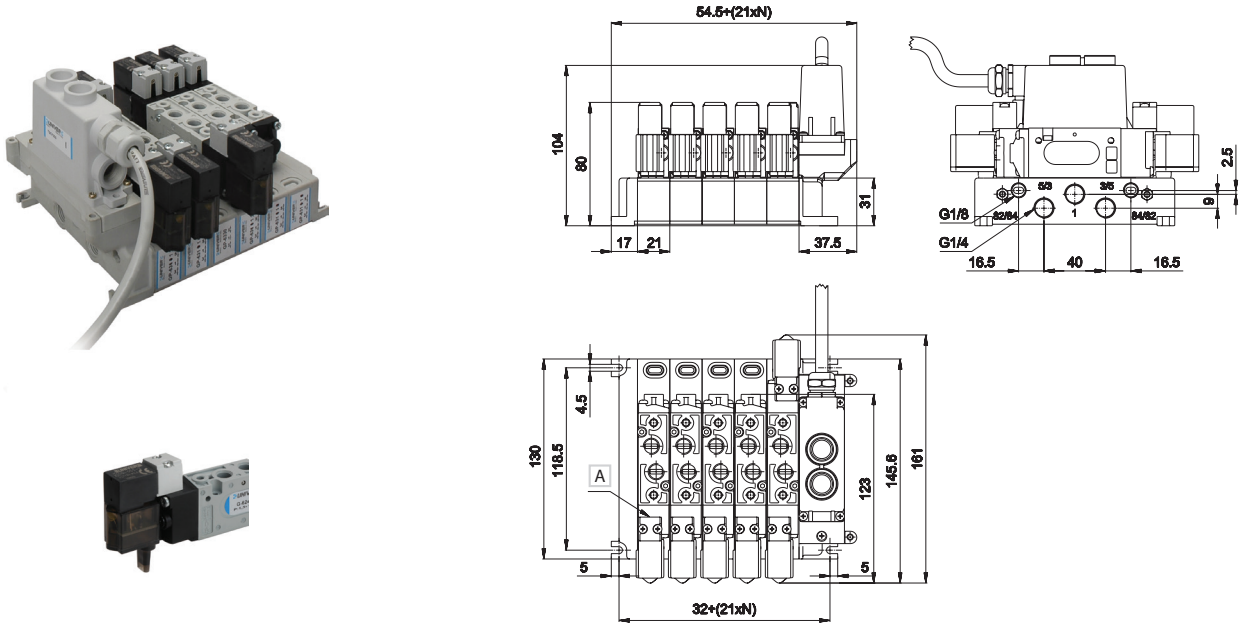
BISTABLE ELECTRICAL IMPULSE



- A** Manual override
- B** Coil with connector for single connection
- C** External servoassisted pilot
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- 1 = Supply port
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- 14 = Control
- 12 = Return

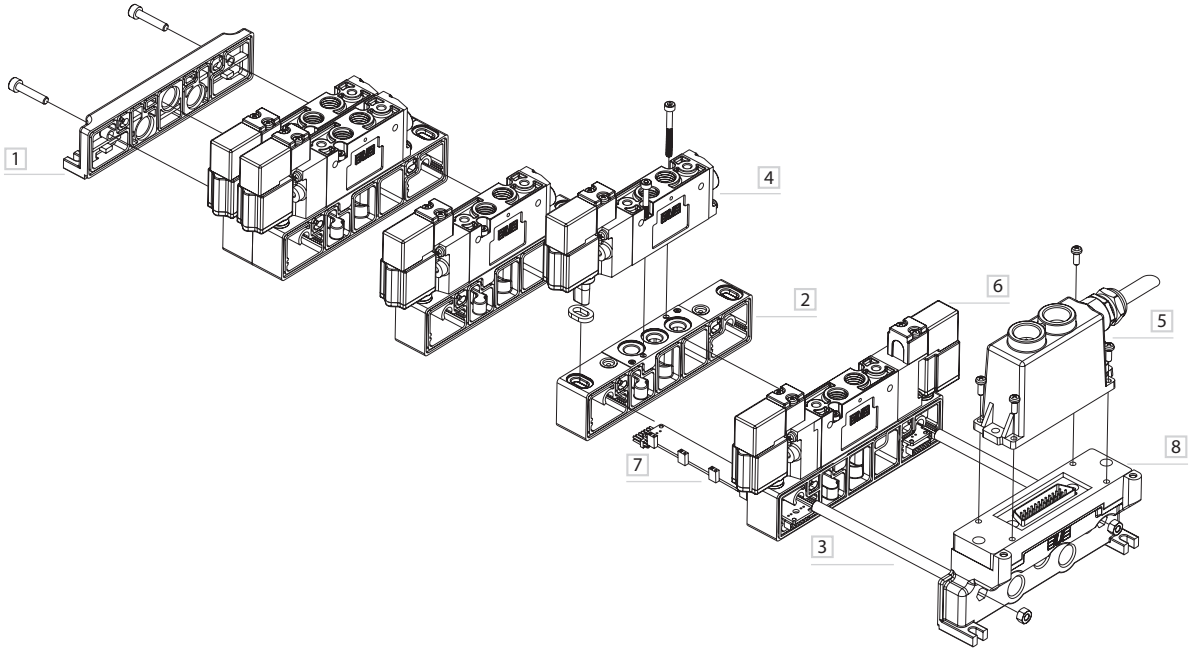
MULTIPIN ELECTRICAL CONNECTION WITH PILOT 15 MM (COIL U5)



A Manual override

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

N = Number of valve positions

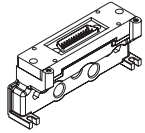


- 1 END PLATE
- 2 SINGLE SUB-BASE
- 3 MODULAR TIE-RODS
- 4 VALVE
- 5 MULTIPIN FEMALE CONNECTOR
- 6 COIL WITH INTEGRATED CONNECTOR
- 7 BUS CONNECTION CARD
- 8 END PLATE WITH MODULAR CONNECTION

TIGHTENING TORQUE FOR FITTINGS

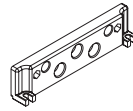
THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - ELECTRIC IMPULSE PILOT 15 MM (COIL U5)



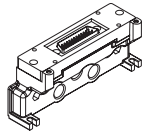
GP-611212

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



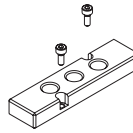
GP-6110

blank end plate
weight: 0,050 Kg



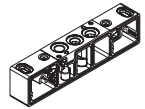
GP-611806

threaded 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



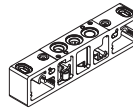
GP-6380

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



GP-6311

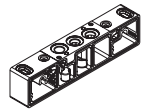
sub-base with
open diaphragms
monostable
weight: 0,060 Kg



GP-6331

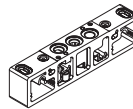
3 1 5

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



GP-6312

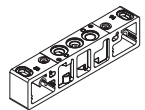
sub-base with
open diaphragms bistable
weight: 0,060 Kg



GP-6332

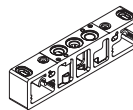
3 1 5

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



GP-6321

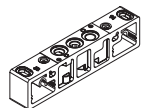
sub-base with
closed diaphragms
monostable
weight: 0,062 Kg



GP-6341

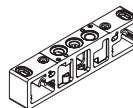
3 1 5

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



GP-6322

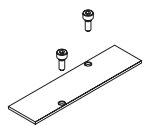
sub-base with
closed diaphragms bistable
weight: 0,062 Kg



GP-6342

3 1 5

sub-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 seat
weight: 0,004 kg
(packs of 100)

AZ4-VN0416

M04x16 Allen screws for tie
rods (packs of 100)

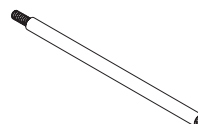


GP-6400-2

modular tie rod
2-way valve
weight: 0,010 kg
(packs of 100)

AZ4-SN004A

M4 hexagon nut (packs
of 100)



GP-6400-5

modular tie rod
5-way valve
weight: 0,022 kg
(packs of 100)

ACCESSORIES: MULTI-POLE ELECTRICAL CONNECTION



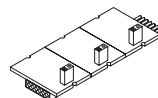
GP-6512-01MF
GP-6512-02MF
GP-6512-03MF
GP-6512-05MF
GP-6512-06MF

BUS connection boards
on the control side
12 with 12 pins
from Ø 1 to 6 slots
weight: 0.003 kg
(per slot)



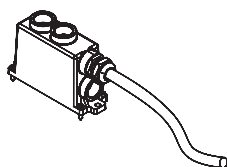
GP-6514-01MF
GP-6514-02MF
GP-6514-03MF
GP-6514-05MF
GP-6514-06MF

BUS connection boards
control side 14 with 12 pins
from Ø 1 to 6 positions
weight: 0.003 kg
(per position)



GP-651418

BUS connection boards
control side 14 with 18
pins (12 positions only)
For manifolds with 14-side
control and more than 12
coils, up to a maximum of
18, use the board
GP-651418 for the first 12
positions, followed by the
board **GP-6514-....**
Weight: 0.003 kg
(for position)

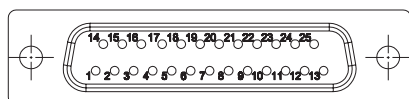


TSCF24S0300
TSCF24S0500
TSCF24S1000

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

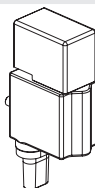
CABLE COLOUR CODING IN ACCORDANCE WITH THE DIN 47100 STANDARD

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



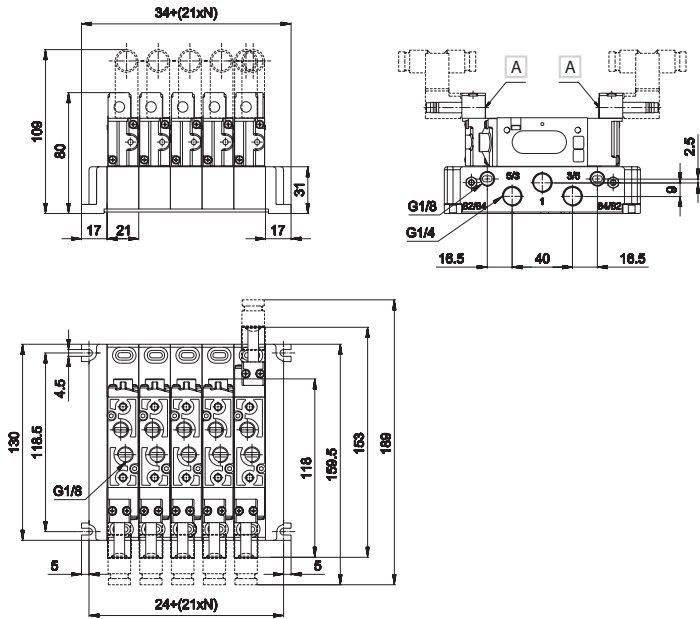
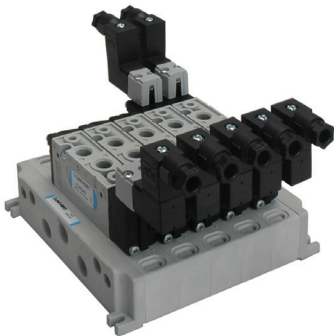
PIN N°	Coloure	Coil	Side drive		Valve N°
			GP-611212	GP-611806	
1	white	1	14	14	1
2	brown	2	12	12	1
3	green	3	14	14	2
4	yellow	4	12	12	2
5	gray	5	14	14	3
6	pink	6	12	12	3
7	blue	7	14	14	4
8	red	8	12	12	4
9	black	9	14	14	5
10	purple	10	12	12	5
11	gray-pink	11	14	14	6
12	red-blue	12	12	12	6
13	white-green	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

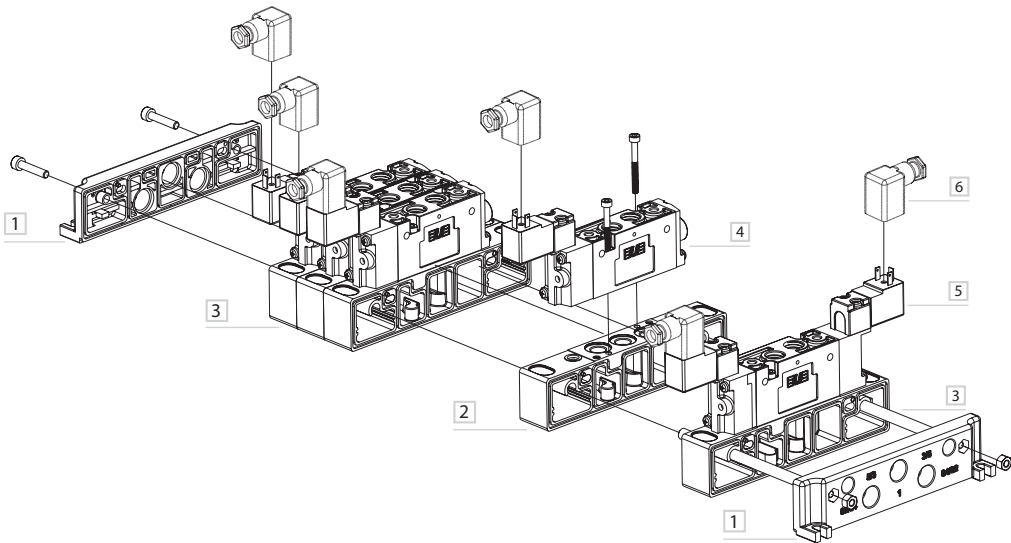
ELECTRICAL CONNECTION WITH EXTERNAL CONNECTOR



A Manual override

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

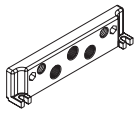
N = Number of valve positions



- 1 END PLATE
- 2 SINGLE SUB-BASE
- 3 MODULAR TIE-RODS
- 4 VALVE
- 5 COIL
- 6 SINGLE CONNECTOR

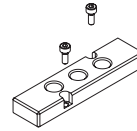
TIGHTENING TORQUE FOR FITTINGS	
THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - ELECTRIC IMPULSE PILOT 15 MM (COIL U5)



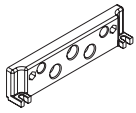
GP-6100

threaded end plate
weight: 0,046 Kg



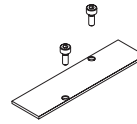
GP-6380

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



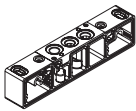
GP-6110

blank end plate
weight: 0,050 Kg



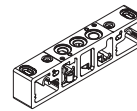
GP-6385

closing plate for
unused station
weight: 0,018 Kg



GP-6310

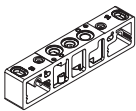
sub-base with
open diaphragms without
electrical connection
weight: 0,060 Kg



GP-6330

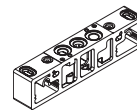
3 1 5

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



GP-6320

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



GP-6340

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 seat
weight: 0.004 kg
(packs of 100)

AZ4-VN0416

M04x16 Allen screws for tie
rods (packs of 100)

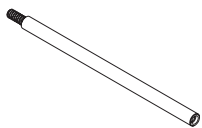


GP-6400-2

modular tie rod
2-way valve
weight: 0.010 kg
(packs of 100)

AZ4-SN004A

M4 hexagon nut (packs
of 100)



GP-6400-5

modular tie rod
5-way valve
weight: 0.022 kg
(packs of 100)

COIL

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

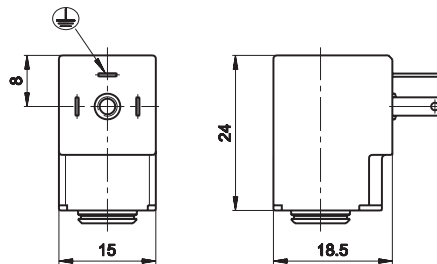
360° rotation on the pilot. Coil winding: H class

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

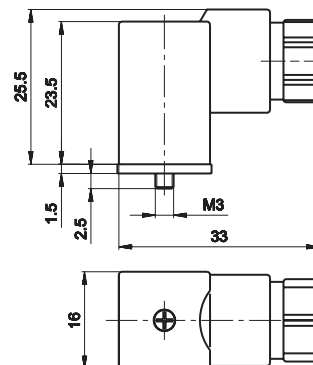
The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

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


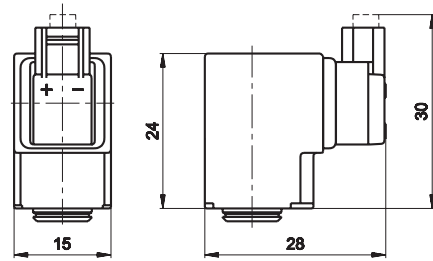
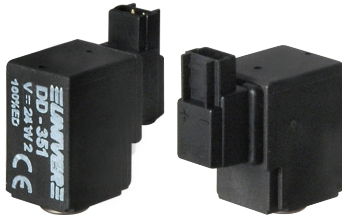
Code	Duty cycle ED(a) %	Power consumption W				Tolerance tension %		Rated voltage		Frequency HZ	Weight Kg
		DC W		AC VA							
		Hold	Inrush	Hold	Inrush	DC	AC	DC	AC		
DD-013	100	-	-	3,5	-	-	±10	-	230	50/60	0,019
DD-040	100	-	-	2,3	3,2	-	±10	-	24	50/60	0,019
DD-041	100	2	2	-	-	±10	-	12	-	-	0,019
DD-042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

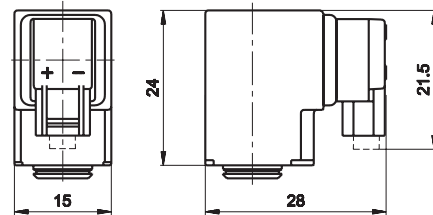
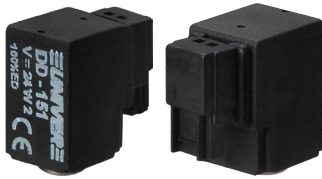
available on request with indicator light

U05 COIL WITH INTEGRATED 90° UPWARD CONNECTOR



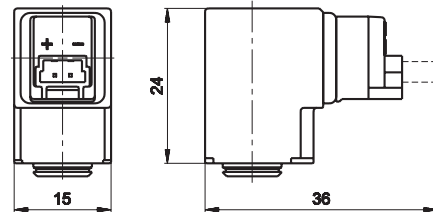
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-351	100	2	2	±10	24 V DC	0,019

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

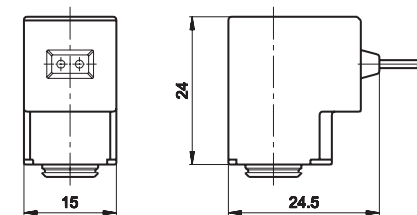
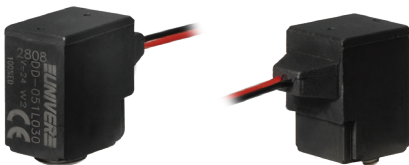
U05 COIL WITH IN-LINE CONNECTOR



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)



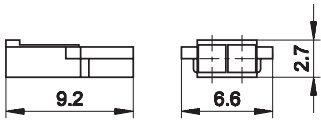
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
Hold	Inrush					
DD-051L030	100	2	2	±10	24 V DC	0,019
DD-052L030	100	2,5	2,5	±10	24 V DC	0,019

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

Upon request version with LED

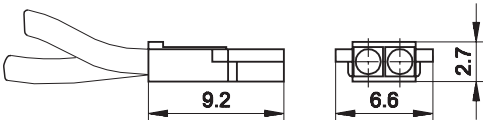
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

MINIATURE CONNECTOR WITHOUT WIRES



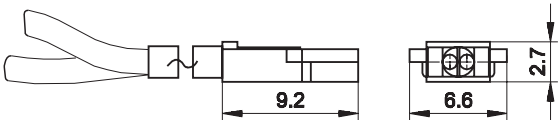
Code	Length (mm)	Coil
D-500	-	Series U05

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

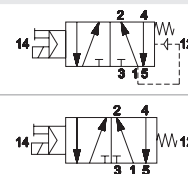
ELECTRIC IMPULSE PILOT 10 MM (COIL U4)

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

SINGLE ELECTRIC IMPULSE



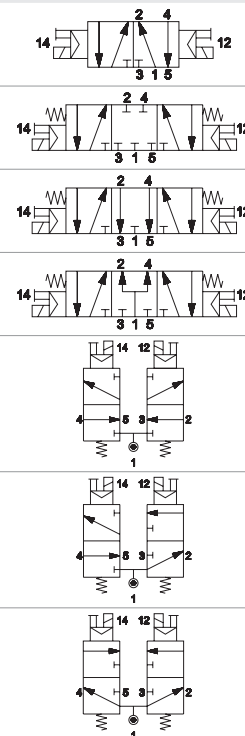
G-6260	5/2	electrical amplified	pneumatic + spring	770	1,5÷9	21 30	0,112	
G-6261	5/2	electrical amplified	spring mechanical	770	1,5÷8	22 90	0,092	



IMPULSO ELETTRICO BISTABILE

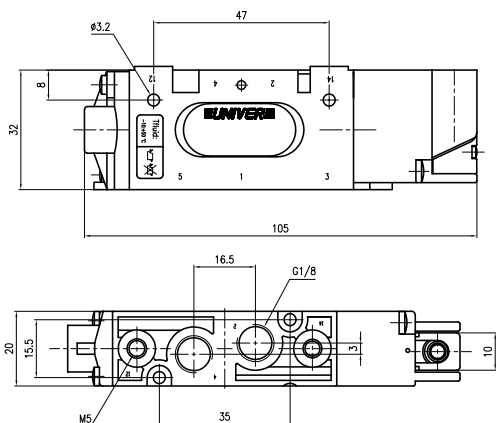


G-6266	5/2	electrical amplified	electrical amplified	770	0,6÷9	16 16	0,143	
G-6366	5/3 C.C.	electrical amplified	electrical amplified	700	1,9÷9	16 47	0,148	
G-6466	5/3 O.C.	electrical amplified	electrical amplified	700	2,0÷9	16 47	0,148	
G-6566	5/3 P.C.	electrical amplified	electrical amplified	700	1,9÷9	16 47	0,148	
G-6666	3/2 NC + 3/2 NC	electrical amplified	electrical amplified	670	1,5÷9	14 17	0,140	
G-6766	3/2 NC + 3/2 NO	electrical amplified	electrical amplified	670	1,5÷9	14 17	0,140	
G-6866	3/2 NO + 3/2 NO	electrical amplified	electrical amplified	670	1,5÷9	14 17	0,140	



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

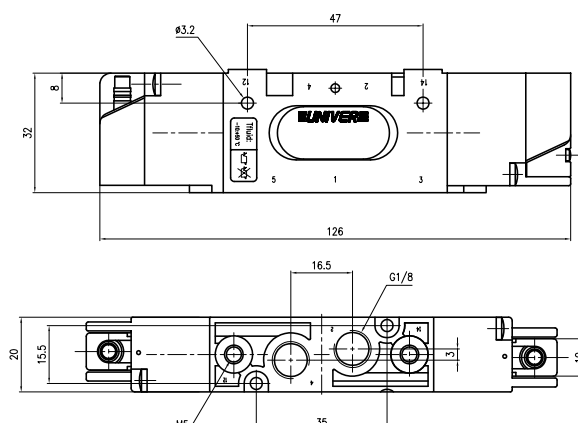
SINGLE ELECTRIC IMPULSE



- A** Manual override
- B** Coil with connector for single connection
- C** External servoassisted pilot

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

BISTABLE ELECTRICAL IMPULSE

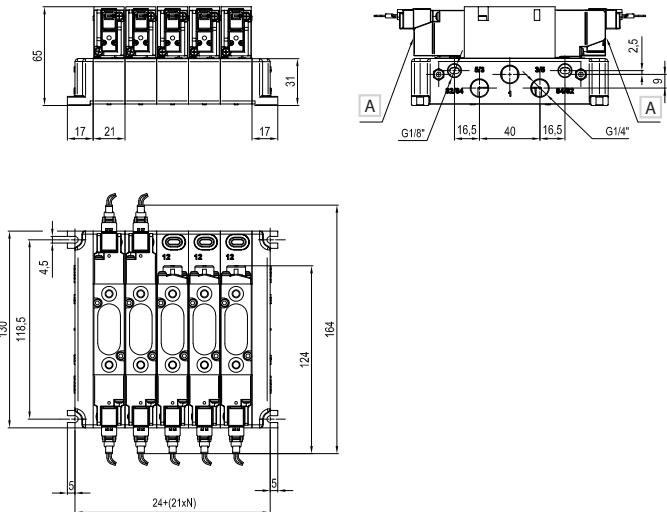
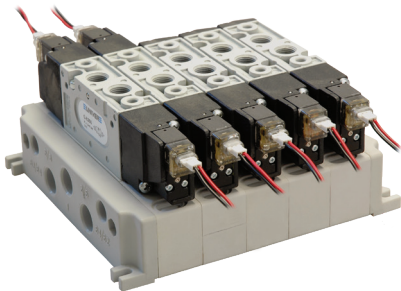


- A** Manual override
- B** Coil with connector for single connection
- C** External servoassisted pilot

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

Solenoid valves are supplied without coil and connector

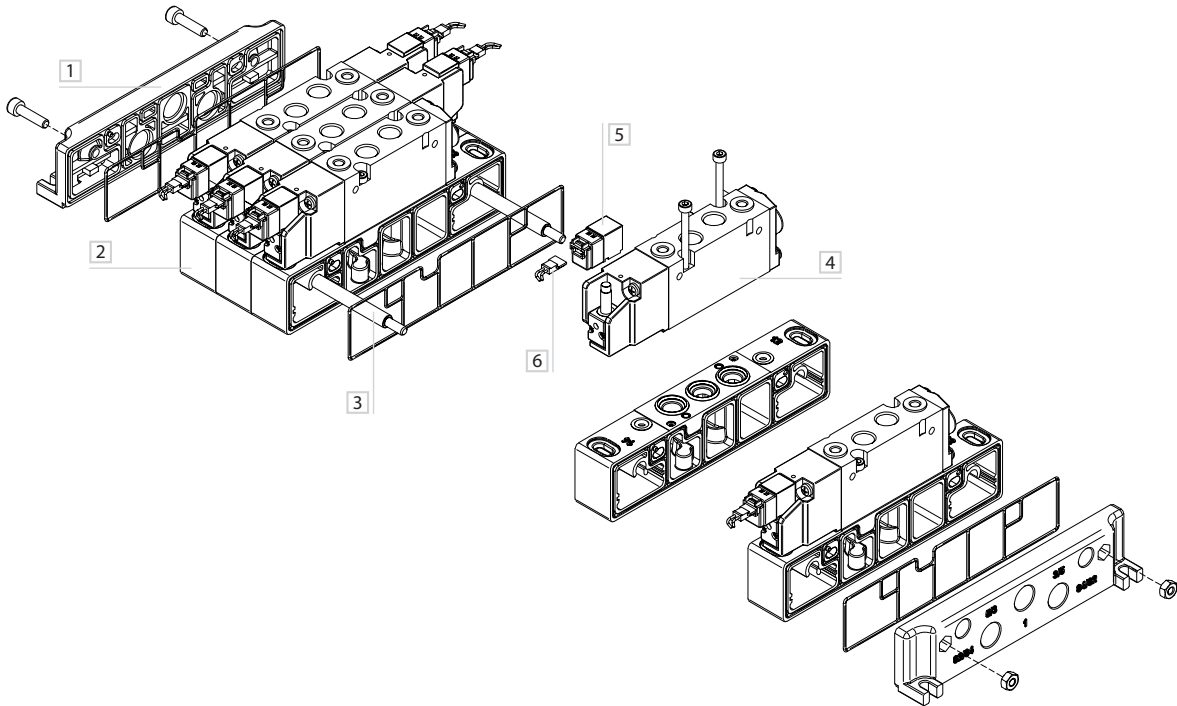
ELECTRICAL CONNECTION WITH PILOT 10 MM (COIL U4)



A Manual override

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

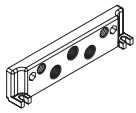
N = Number of valve positions



- 1 END PLATE
- 2 SINGLE SUB-BASE
- 3 MODULAR TIE-RODS
- 4 VALVE
- 5 COIL
- 6 CONNECTOR

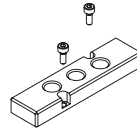
TIGHTENING TORQUE FOR FITTINGS	
THREAD	MAX TORQUE (Nm)
M5	3
M7	3
G1/8	3
G1/4	10

ACCESSORIES - ELECTRIC IMPULSE PILOT 10 MM (COIL U4)



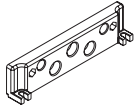
GP-6100

threaded end plate
weight: 0,046 Kg



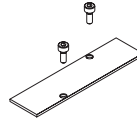
GP-6380

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



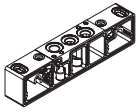
GP-6110

blank end plate
weight: 0,050 Kg



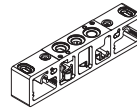
GP-6385

closing plate for
unused station
weight: 0,018 Kg



GP-6310

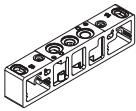
sub-base with
open diaphragms without
electrical connection
weight: 0,060 Kg



GP-6330

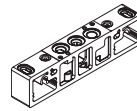
3 1 5

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



GP-6320

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



GP-6340

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 seat
weight: 0.004 kg
(packs of 100)

AZ4-VN0416

M04x16 Allen screws for tie
rods (packs of 100)

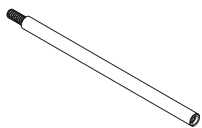


GP-6400-2

modular tie rod
2-way valve
weight: 0.010 kg
(packs of 100)

AZ4-SN004A

M4 hexagon nut (packs
of 100)



GP-6400-5

modular tie rod
5-way valve
weight: 0.022 kg
(packs of 100)

COIL

CSA/UL

Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

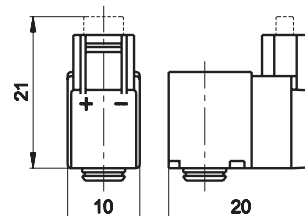
360° rotation on the pilot. Coil winding: H class

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

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

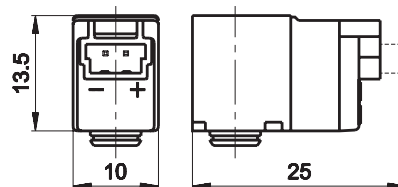
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.

Protection class IP65, if used with connector.


U04 COIL WITH INTEGRATED 90° UPWARD


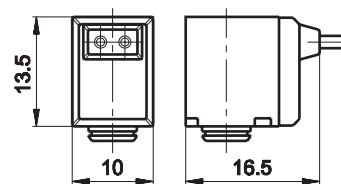
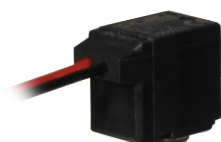
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-352	100	1,2	1,2	±10	24 V DC	0,013
DE-355	100	0,5	0,5	±10	24 V DC	0,013
DE-452	100	1,35	1,35	±10	24 V DC	0,013

On request 12 VDC

U04 COIL WITH IN-LINE


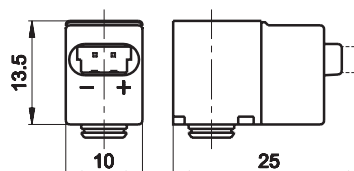
Code	Duty cycle ED %	Power consumption W		Tension tolerance %	Rated voltage	Weight Kg
		Hold	Inrush			
DE-552	100	1,2	1,2	±10	24 V DC	0,013
DE-555	100	0,5	0,5	±10	24 V DC	0,013
DE-652	100	1,35	1,35	±10	24 V DC	0,013

On request 12 VDC

U04 COIL WITH LOOSE CABLES (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 CONNECTOR WITH PROTECTING COVER FOR COMPLETE TIGHTNESS


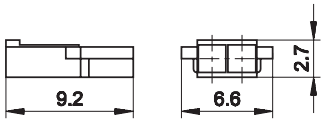
Codice	Durata ED %	Assorbimento W		Tolleranza tensione %	Tensione nominale	Peso Kg
		Continuo	Spunto			
DE-642I	100	1,35	1,35	±10	12 V DC	0,013
DE-652I	100	1,35	1,35	±10	24 V DC	0,013
DE-655I	100	0,5	0,5	±10	24 V DC	0,013

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

Upon request version with LED

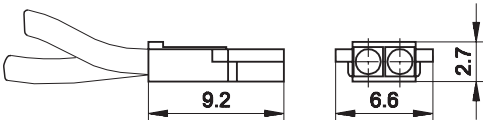
Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

MINIATURE CONNECTOR WITHOUT WIRES



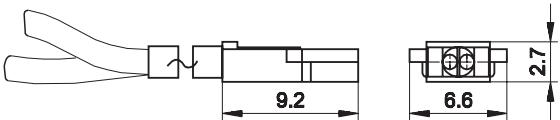
Code	Length (mm)	Coil
D-500	-	Series U05

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



G-6230	5/2	pneumatic amplified	pneumatic + spring	770	1,5÷10	7	16	0,092	
G-6231	5/2	pneumatic amplified	mechanical spring	770	1,5÷10	6	18	0,092	

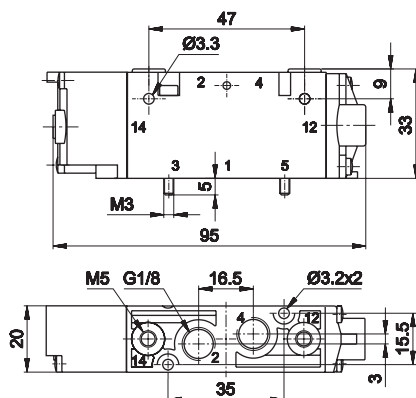
PNEUMATIC IMPULSE BISTABLE



G-6233	5/2	pneumatic amplified	pneumatic amplified	770	0,7÷10	5	5	0,103	
G-6333	5/3 C.C.	pneumatic amplified	pneumatic amplified	700	1,9÷9	6	19	0,192	
G-6433	5/3 O.C.	pneumatic amplified	pneumatic amplified	700	2,0÷9	6	19	0,192	
G-6533	5/3 P.C.	pneumatic amplified	pneumatic amplified	700	1,9÷9	6	19	0,192	
G-6633	3/2 NC + 3/2 NC	pneumatic amplified	pneumatic amplified	670	1,5÷9	3	14	0,188	
G-6733	3/2 NC + 3/2 NO	pneumatic amplified	pneumatic amplified	670	1,5÷9	3	14	0,188	
G-6833	3/2 NO + 3/2 NO	pneumatic amplified	pneumatic amplified	670	1,5÷9	3	14	0,188	

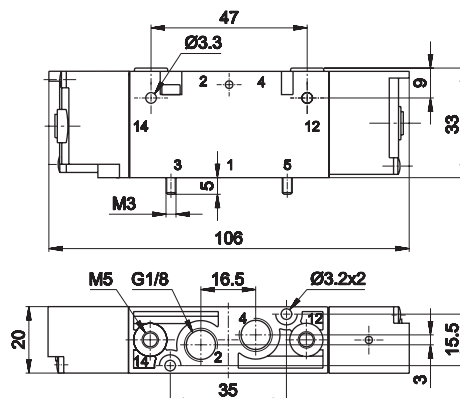
C.C. = closed centres O.C. = open centres P.C. = pressurized centres

SINGLE PNEUMATIC IMPULSE



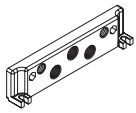
1 = Supply port
2 - 4 = Use
3 - 5 = Exhaust
14 = Control
12 = Return

PNEUMATIC IMPULSE BISTABLE



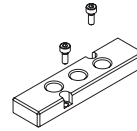
1 = Supply port
2 - 4 = Use
3 - 5 = Exhaust
14 = Control
12 = Return

ACCESSORIES - PNEUMATIC IMPULSE



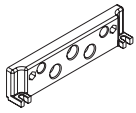
GP-6100

threaded end plate
weight: 0,046 Kg



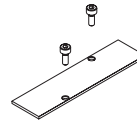
GP-6380

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



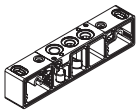
GP-6110

blank end plate
weight: 0,050 Kg



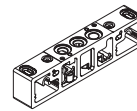
GP-6385

closing plate for
unused station
weight: 0,018 Kg



GP-6310

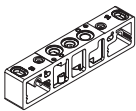
sub-base with
open diaphragms without
electrical connection
weight: 0,060 Kg



GP-6330

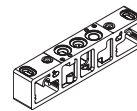
3 1 5

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



GP-6320

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



GP-6340

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 seat
weight: 0.004 kg
(packs of 100)

AZ4-VN0416

M04x16 Allen screws for tie
rods (packs of 100)

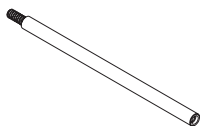


GP-6400-2

modular tie rod
2-way valve
weight: 0.010 kg
(packs of 100)

AZ4-SN004A

M4 hexagon nut (packs
of 100)



GP-6400-5

modular tie rod
5-way valve
weight: 0.022 kg
(packs of 100)