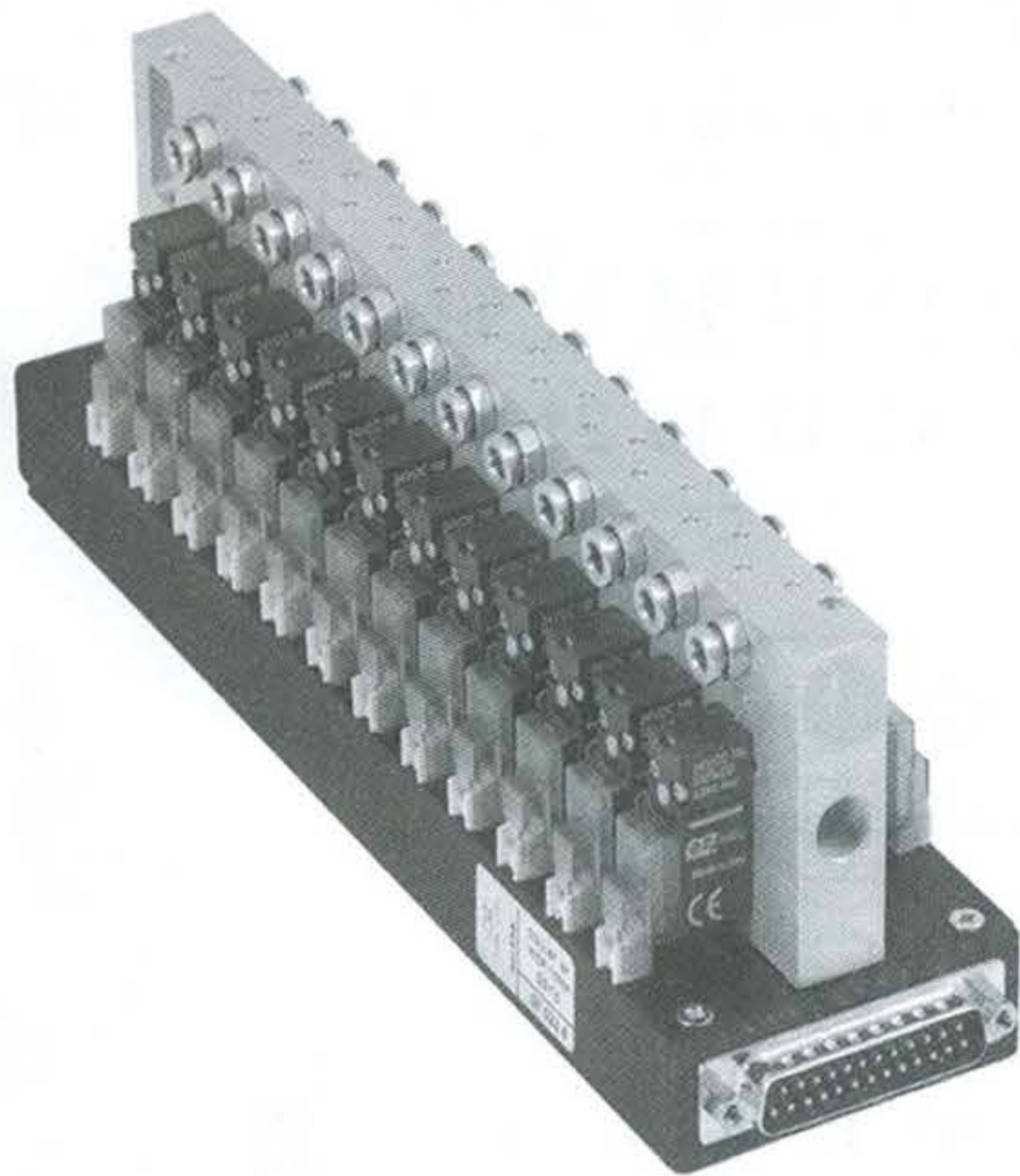
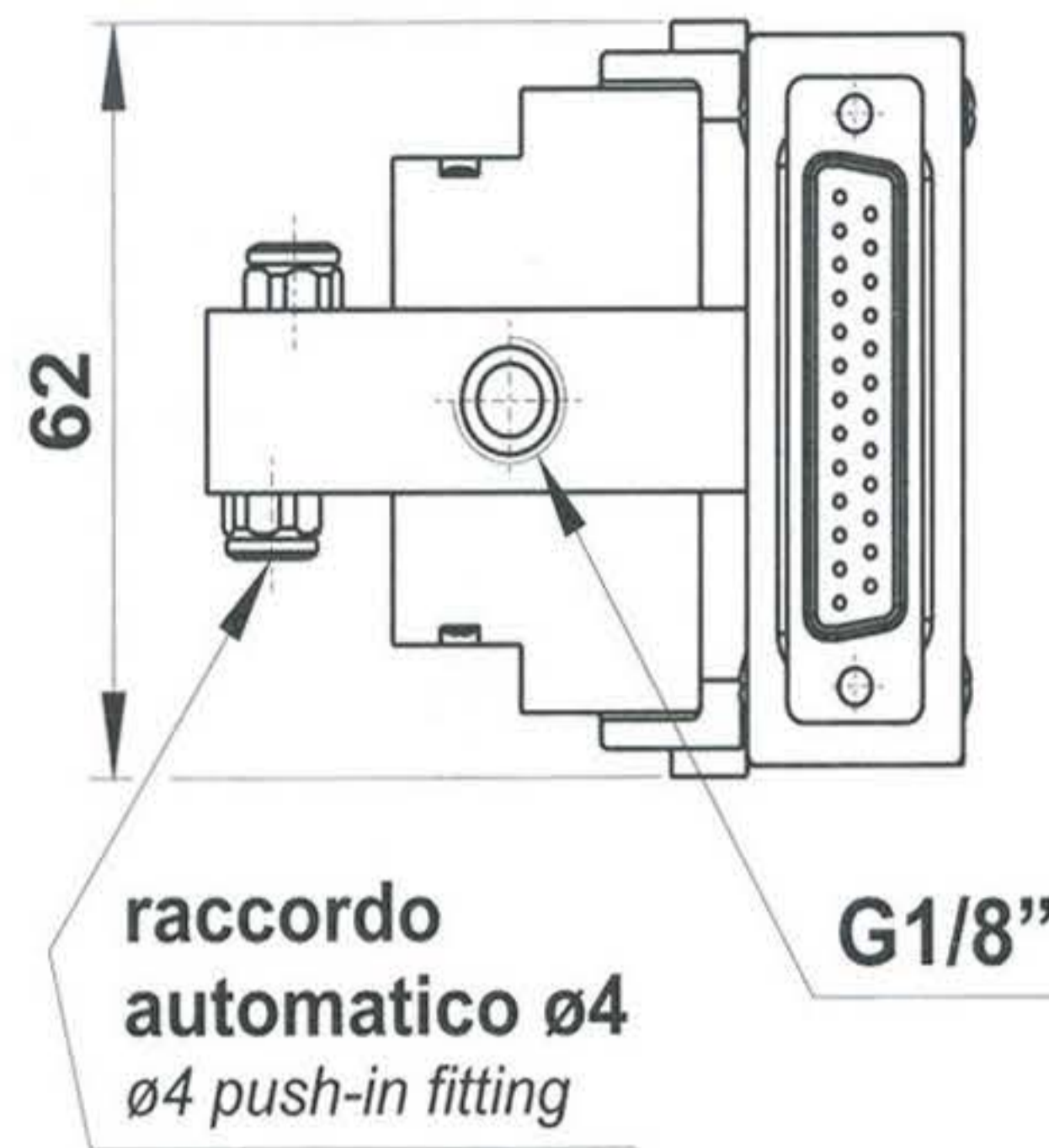


- Ingresso aria da entrambi i lati
Air inlet from both sides
- Uscite con raccordo automatico per tubo $\varnothing 4$
Exits with $\varnothing 4$ push-in fittings
- Montaggio a pannello mediante due viti M3 nella parte superiore
Panel mounting possible with two M3 screws on the top side
- Elettropiloti 3/2
3/2 solenoid valves
- Protezione elettrica IP40
Electrical protection IP40
- Connettore D-SUB (DB-25) a 25 poli
Connector D-SUB (DB-25) with 25 pins
- Base e struttura in alluminio
Manifold and structure in aluminium

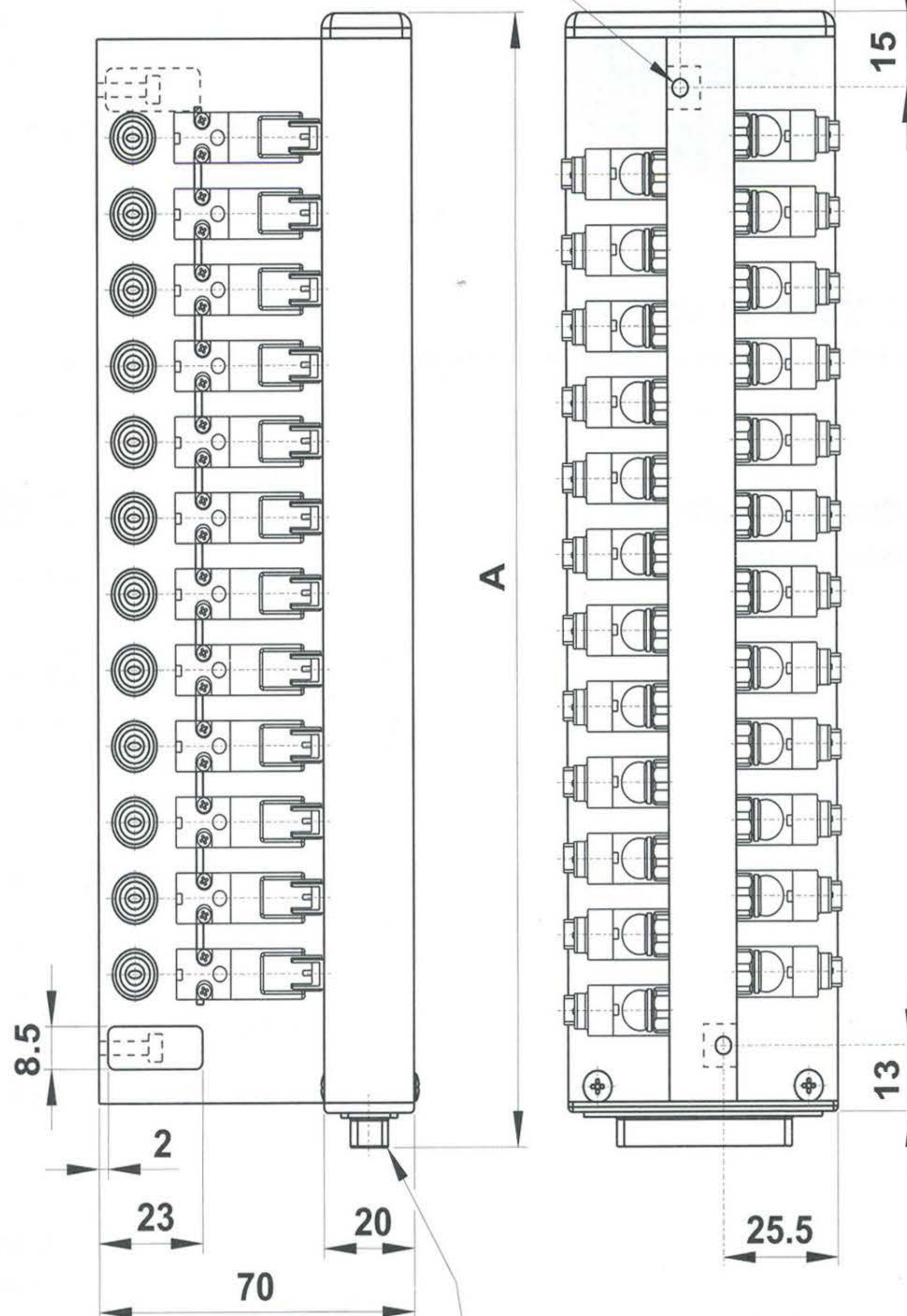


modello <i>model</i>	nr. posiz. <i>no. stations</i>	A
07.012.4	4	67
07.013.4	6	82
07.014.4	8	97
07.015.4	10	112
07.016.4	12	127
07.017.4	14	142
07.018.4	16	157
07.019.4	18	172
07.020.4	20	187
07.021.4	22	202
07.022.4	24	217

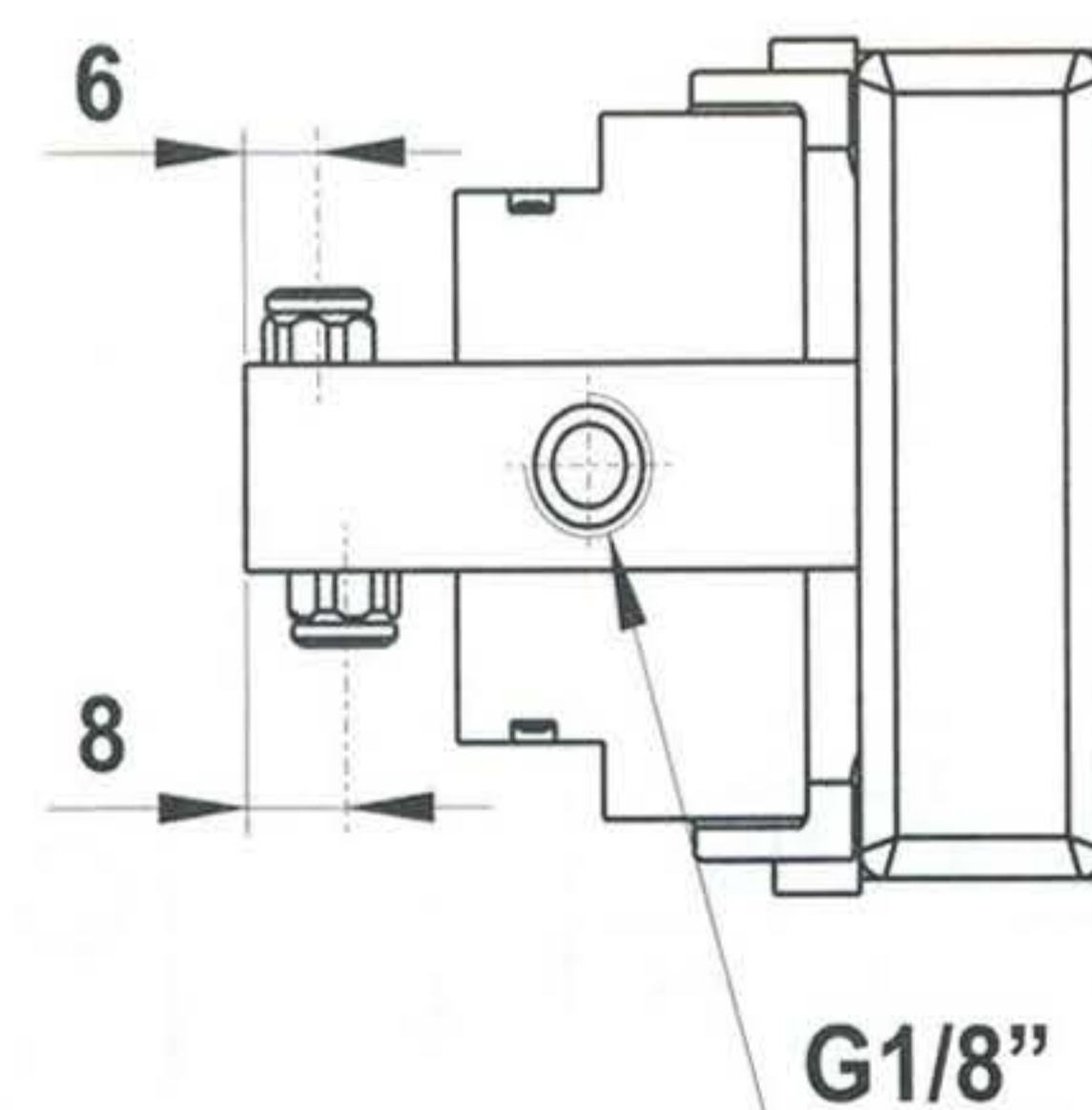


PILOTA 10 mm

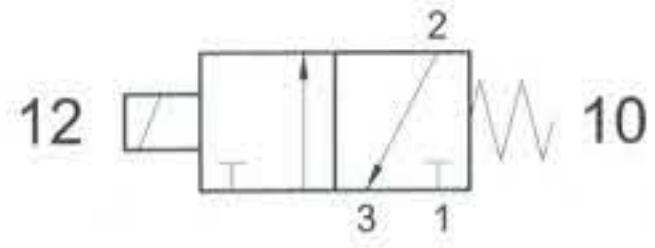
n. 2 fori $\varnothing 3.5$
per fissaggio a pannello
*n. 2 holes $\varnothing 3.5$
for panel mounting*



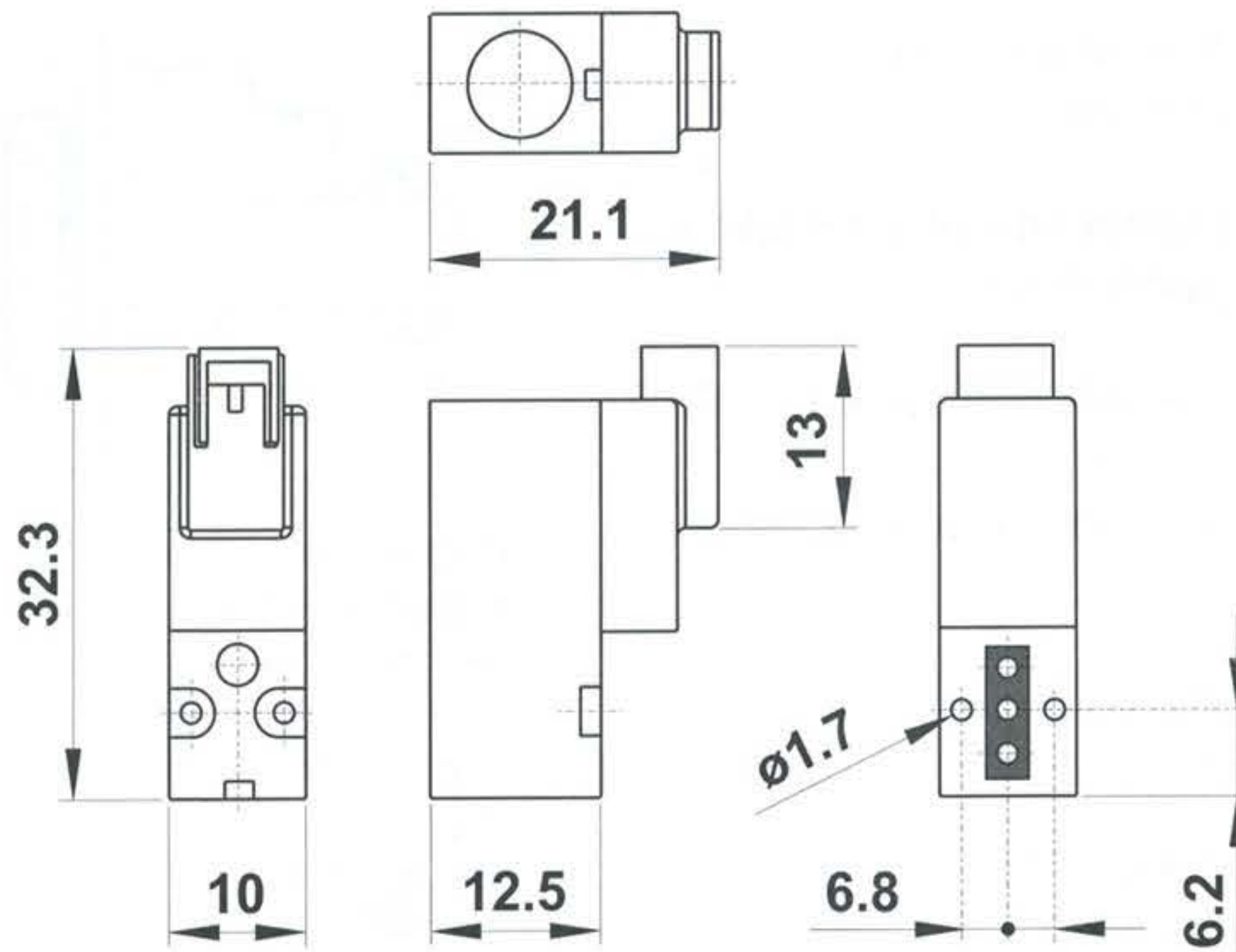
connettore D-SUB (DB-25)
D-SUB connector (DB-25)



Elettropilota
Solenoid valve **10 mm**



00.441.0



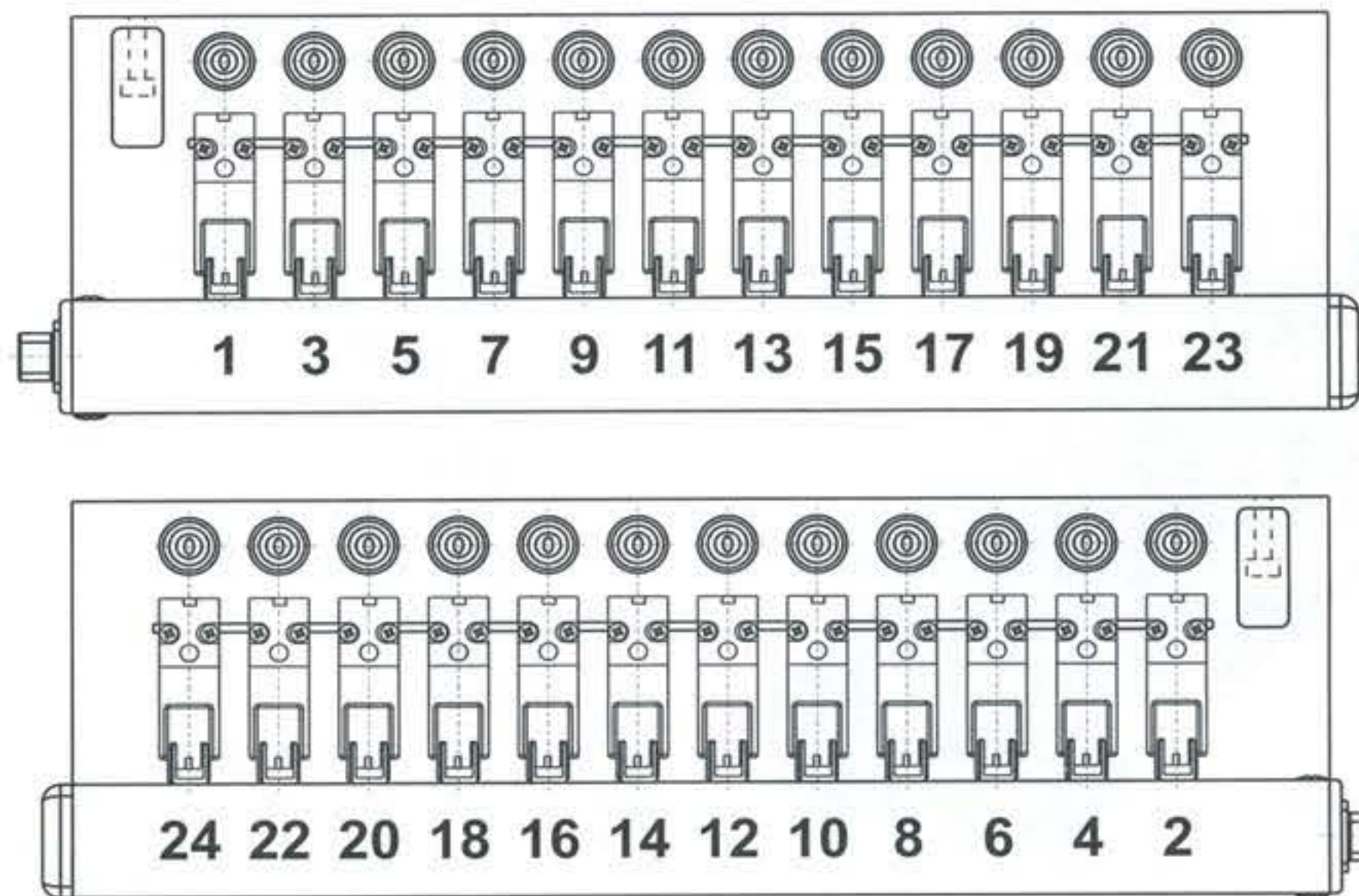
Tensione <i>Tension</i>	24V DC ± 10%
Potenza <i>Power</i>	0.5 ... 1 W
Portata nominale a 6 bar, Δp 1 bar <i>Nominal flow rate at 6 bar, Δp 1 bar</i>	15 Nl/min
Temperatura di esercizio <i>Temperature range</i>	-5°C ... +60°C
Pressione di esercizio <i>Working pressure</i>	0 ... 7 bar 0 ... 0.7 MPa
Fluido <i>Fluid</i>	Aria filtrata 5μ con o senza lubrificazione <i>5μ filtered, lubricated or non lubricated air</i>

Attenzione: momento massimo di serraggio delle viti di fissaggio degli elettropiloti sulla base: 0.25 Nm
Attention: maximum torque for mounting screws of the solenoid valves: 0.25 Nm

ACCESSORI - ACCESSORIES

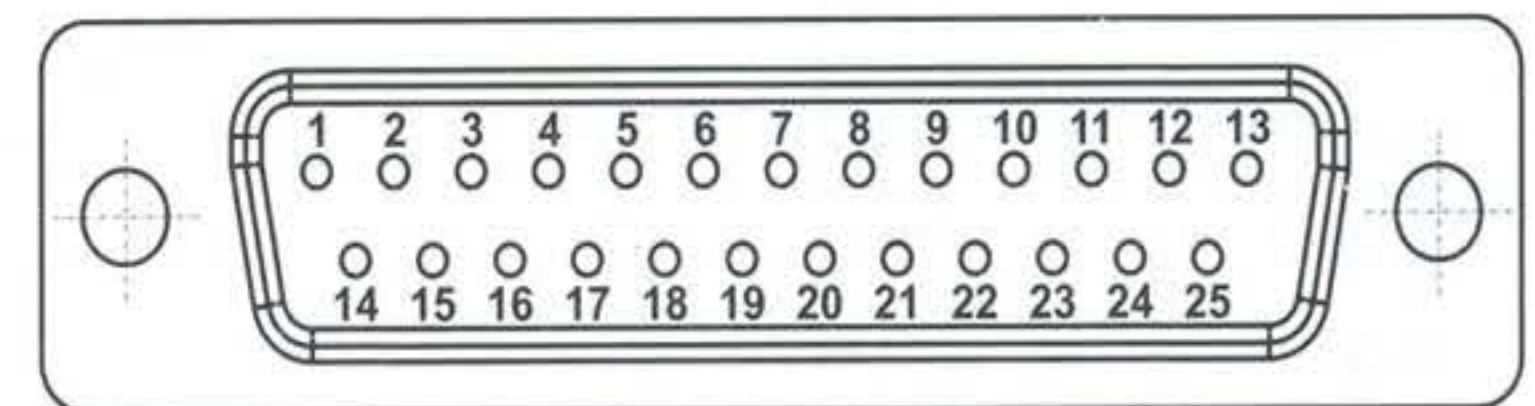
07.049.0 Connettore per elettropilota 10 mm con cavetto rosso/nero, lunghezza 400 mm - *connector for 10 mm solenoid with cable red/black, length 400 mm*

numerazione elettropiloti
valves numbering

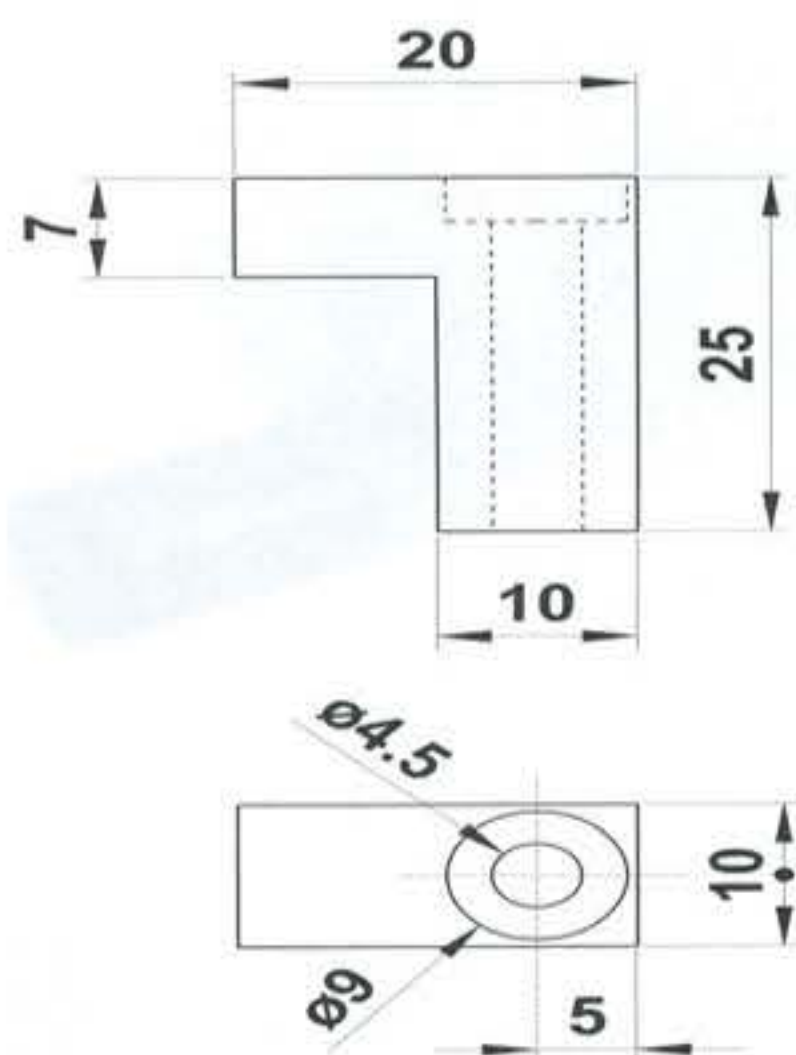


connettore D-SUB (DB-25)
connector D-SUB (DB-25)

- 1-24 segnali per elettropiloti
signals for solenoid valves
- 25 comune (-)
common (-)



staffa per fissaggio base
mounting bracket

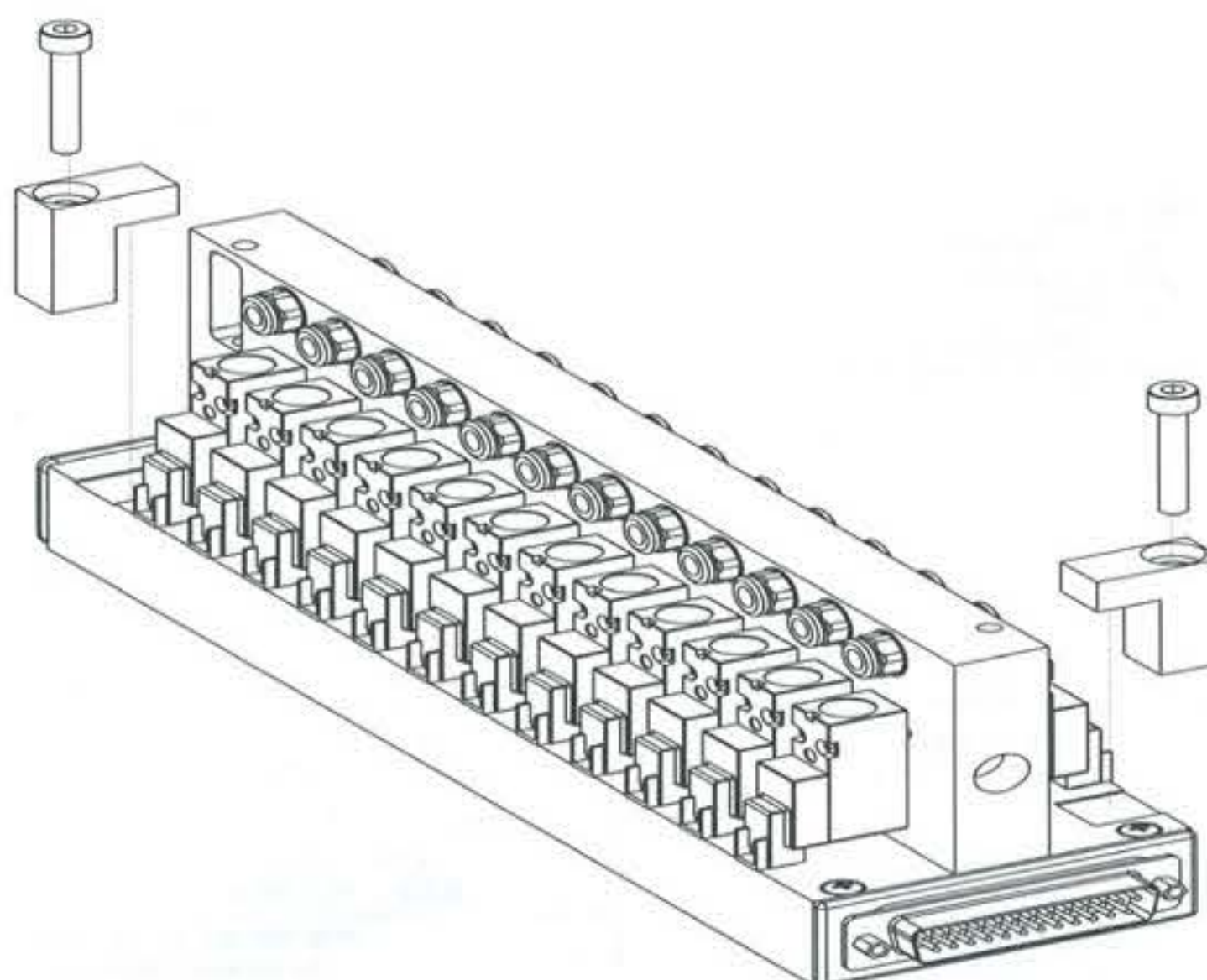


CODICE DI ORDINAZIONE
ORDER CODE

07.051.2

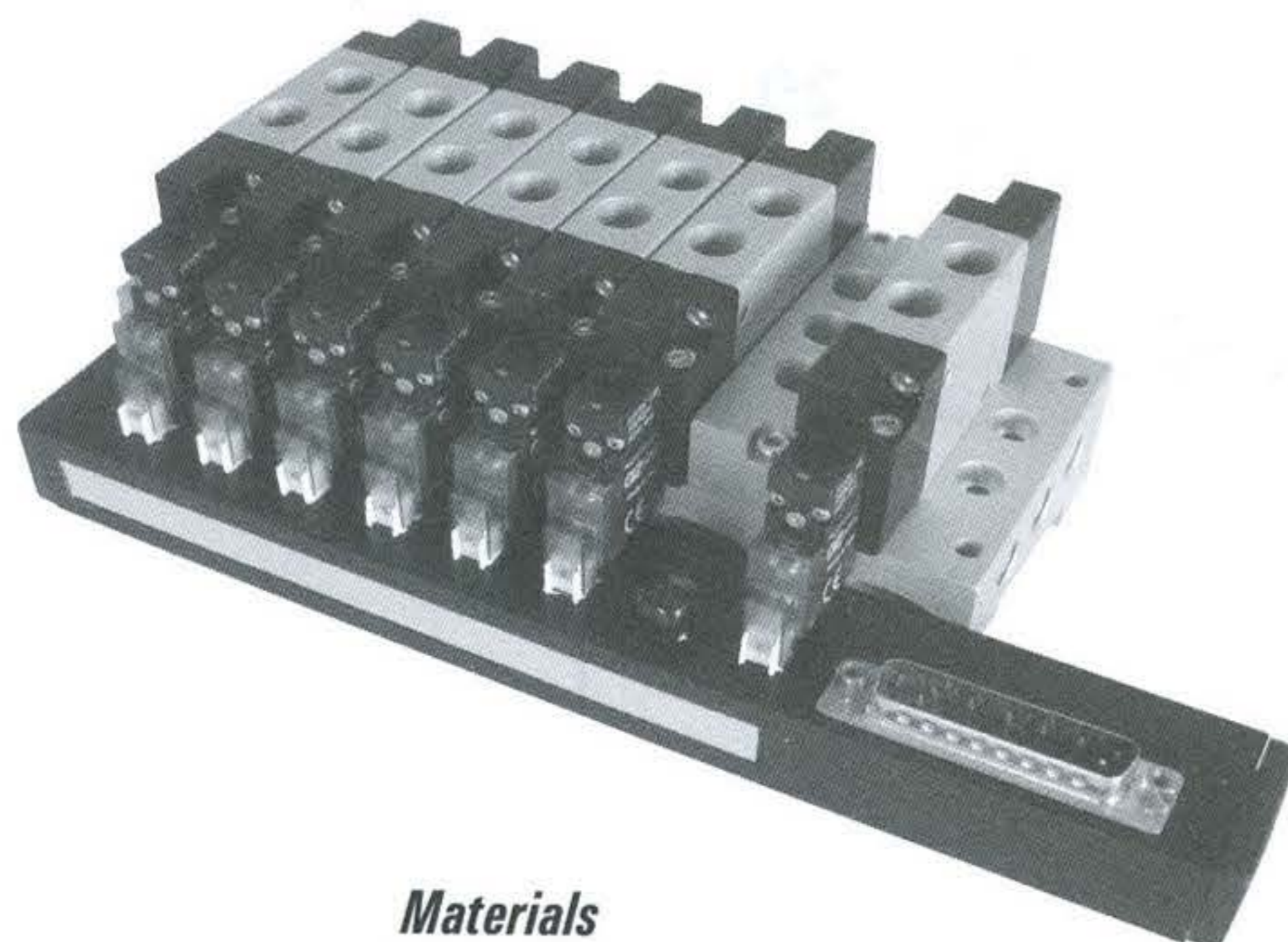


Utilizzabile per fissare la base su un piano. Il codice di ordinazione si riferisce a una coppia di staffe, venduta in kit con le viti necessarie per l'assemblaggio.
It can be used to mount the base on a plate. The order code is referred to a couple of brackets, which are sold in kit with the assembling screws.



multiconnessione plug-in compatta

- Valvole a spola 5/2 con attacchi filettati G1/8"
5/2 spool valves with G1/8" threaded ports
- Comandi elettrici con azionamento manuale
Solenoid pilots with manual override
- Tensione 24V DC
Tension 24V DC
- Protezione elettrica IP 40
Electrical protection IP 40
- Potenza 0.5 ... 1W
Power 0.5 ... 1W
- Massimo 12 valvole bistabili o 24 monostabili
Maximum 12 bi-stable valves or 24 mono-stable
- Entrata e uscite: G1/8"; scarichi: M5
Air supply and exit ports: G1/8"; exhaust ports: M5



Materiali

Corpo: alluminio 11S
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

Materials

Body: aluminium 11S
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

Diametro nominale <i>Nominal orifice</i>		4 mm	
Portata nominale a 6 bar, Δp 1 bar <i>Nominal flow rate at 6 bar, Δp 1 bar</i>		350 NI/min	
Temperatura di esercizio <i>Temperature range</i>		-5 ... +60°C	
Pressione di esercizio <i>Working pressure</i>	al. interna monost. [monost. internal air supply]	al. interna bist. [bi-stable internal air supply]	alim. separata [separate air supply]
	2.5 ... 7 bar 0.25 ... 0.7 MPa	2.5 ... 7 bar 0.25 ... 0.7 MPa	-0.9 ... 7 bar -0.09 ... 0.7 MPa
Pressione di azionamento (per alimentazione separata) <i>Actuating pressure (for separate air supply)</i>		monostabile [mono-stable]	bistabile [bi-stable]
		2.5 ... 7 bar 0.25 ... 0.7 MPa	2.5 ... 7 bar 0.25 ... 0.7 MPa
Fluido <i>Fluid</i>		Aria filtrata 5μ con o senza lubrificazione <i>5μ filtered, lubricated or non lubricated air</i>	

chiave di codifica

key to codes

07. Y 3 1. xxx...xxxx

famiglia
product family

tipo di modularità
type of modularity

specificazione di ogni posizione
specification of each position

taglia
size

Famiglia [product family]

07 multiconnessione plug-in [plug-in multiconnection]

Tipo di modularità [type of modularity]

Y sottobasi modulari [modular multiple sub-bases]

Taglia [size]

3 G1/8" 16 mm

Specificazione di ogni posizione [specification of each position]

**RISPETTARE MAIUSCOLE E MINUSCOLE
CASE SENSITIVE**

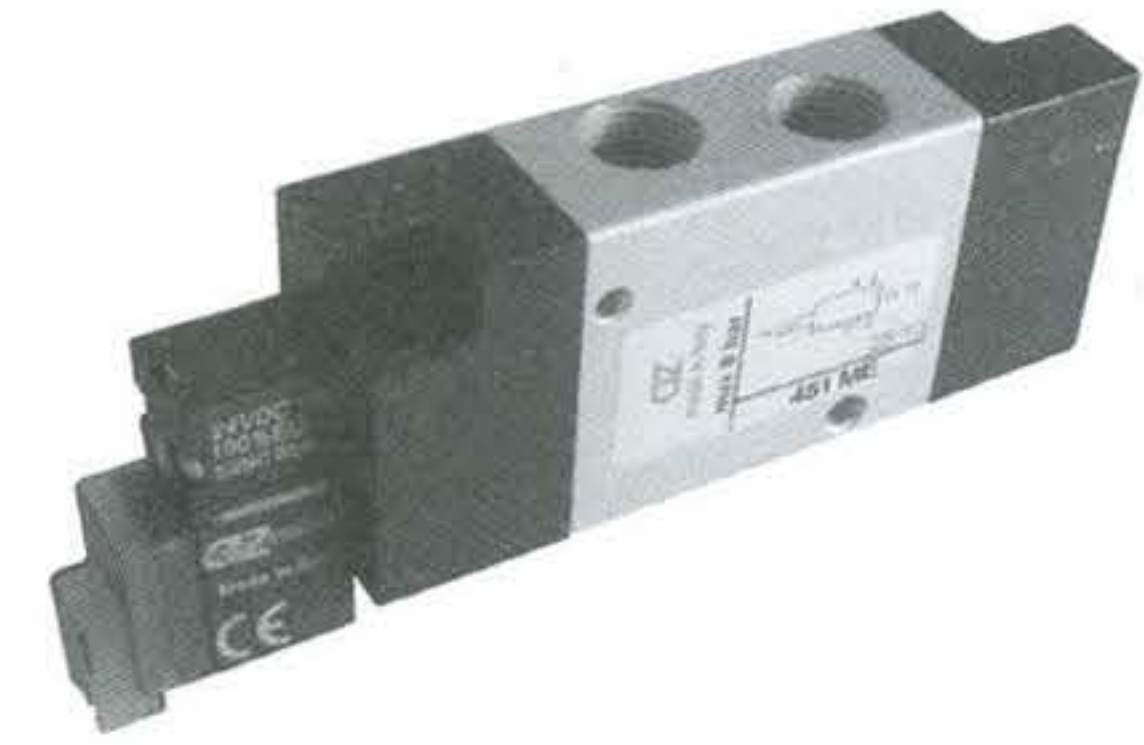
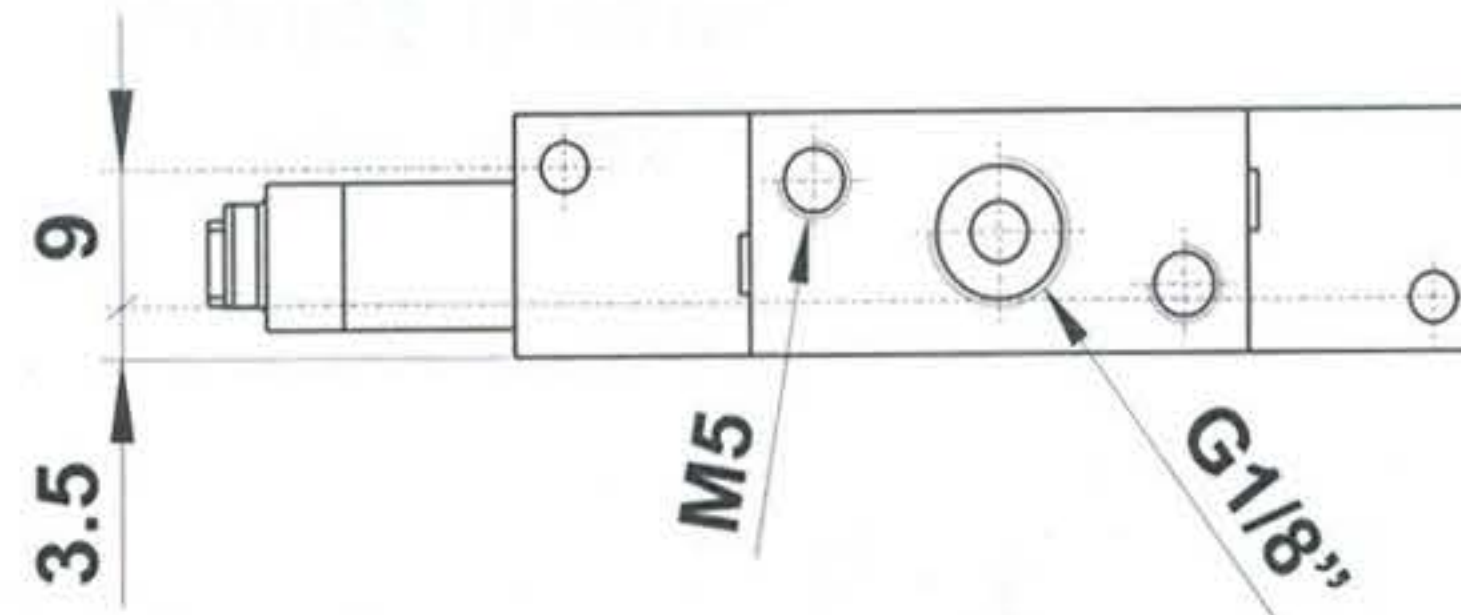
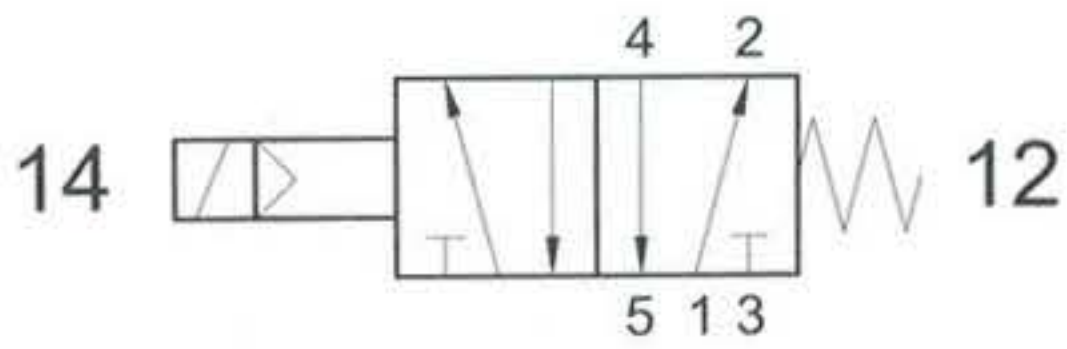
G1/8"

- a** 451P ME
- b** 451P ME AS
- c** 451P EE
- e** 451P EE AS
- q** 451P CE
- r** Piastrina di chiusura [blanking plate]
- s** Intermedio [intermediate header]
- t** Diaframma alimentazione
[diaphragm on air supply]
- u** Diaframma scarichi
[diaphragm on exhausts]
- v** Diaframma alimentazione + scarichi
[diaphragm on air supply and exhausts]

multiconnessione plug-in compatta

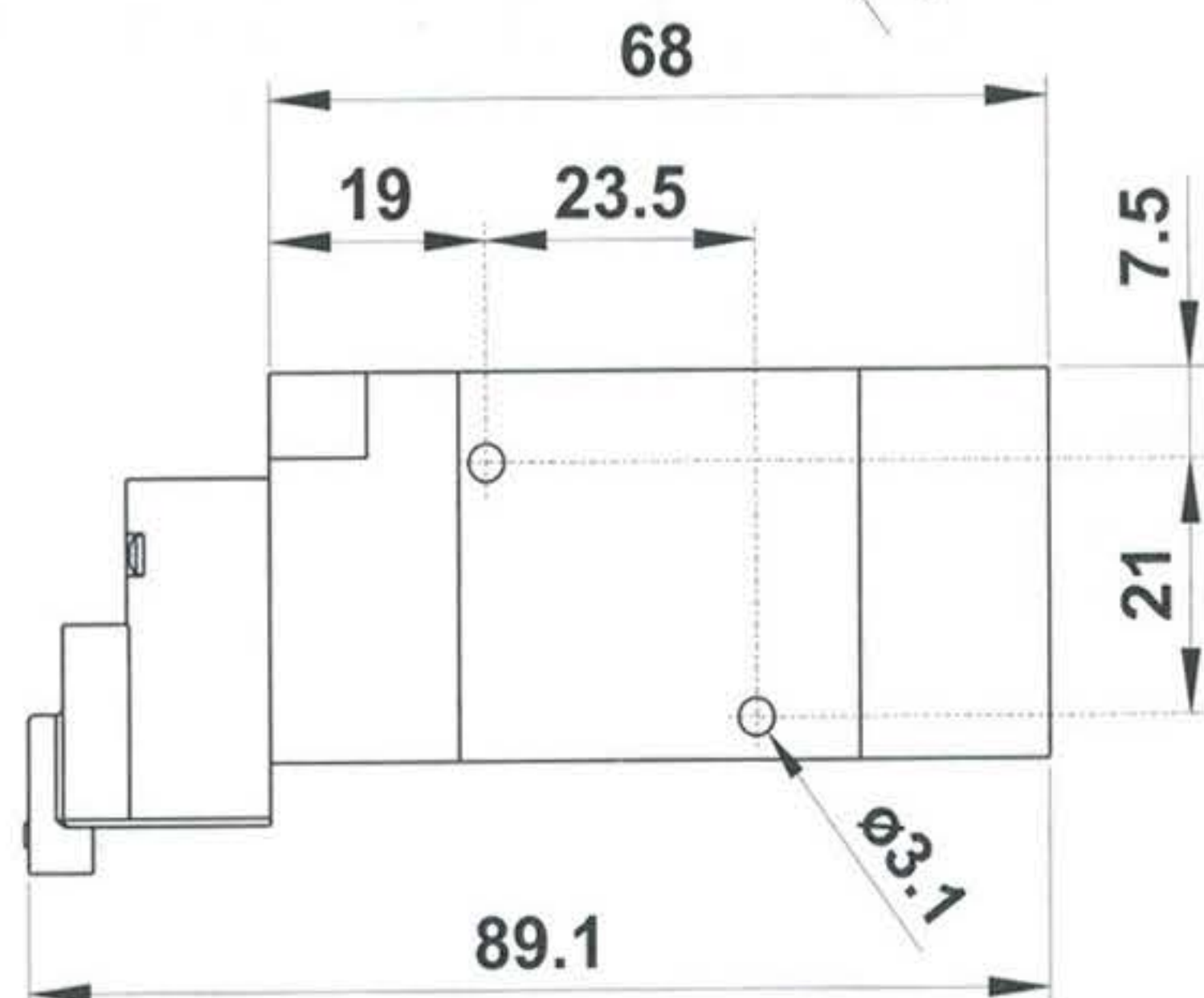
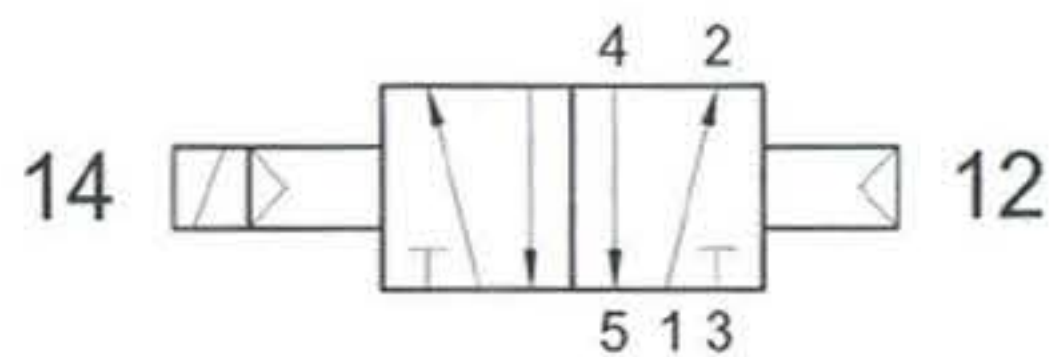
451P ME

5/2 1/8" comando elettrico - ritorno a molla
5/2 1/8" solenoid pilot - spring return

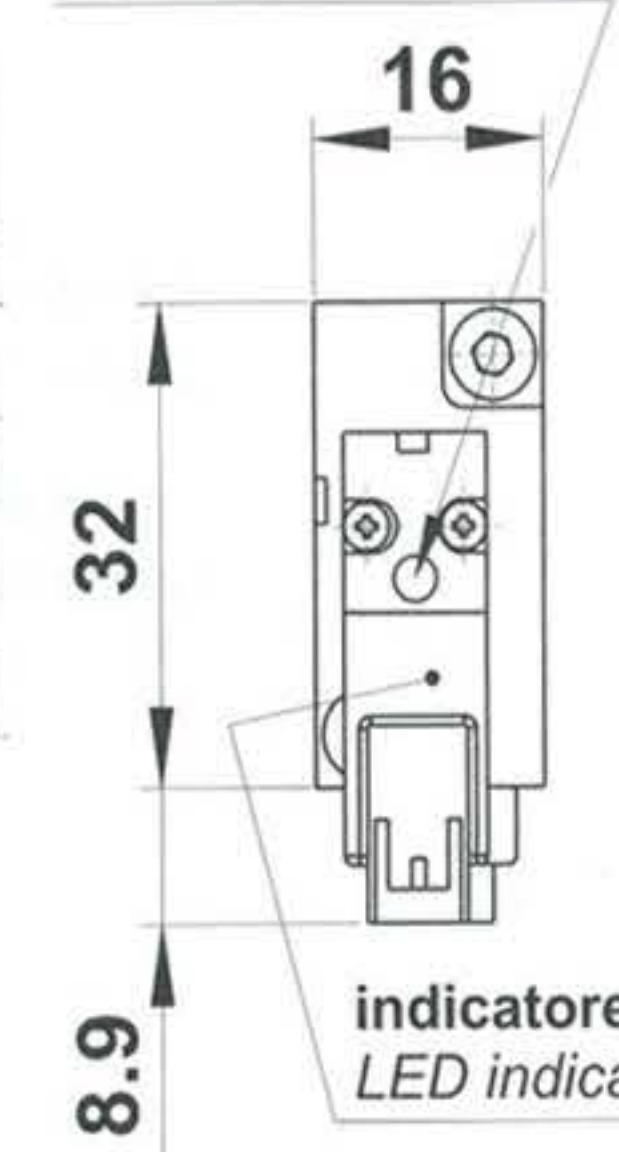


451P CE

5/2 1/8" comando elettrico - ritorno a comando pneumatico
5/2 1/8" solenoid pilot - separate pneumatically piloted return



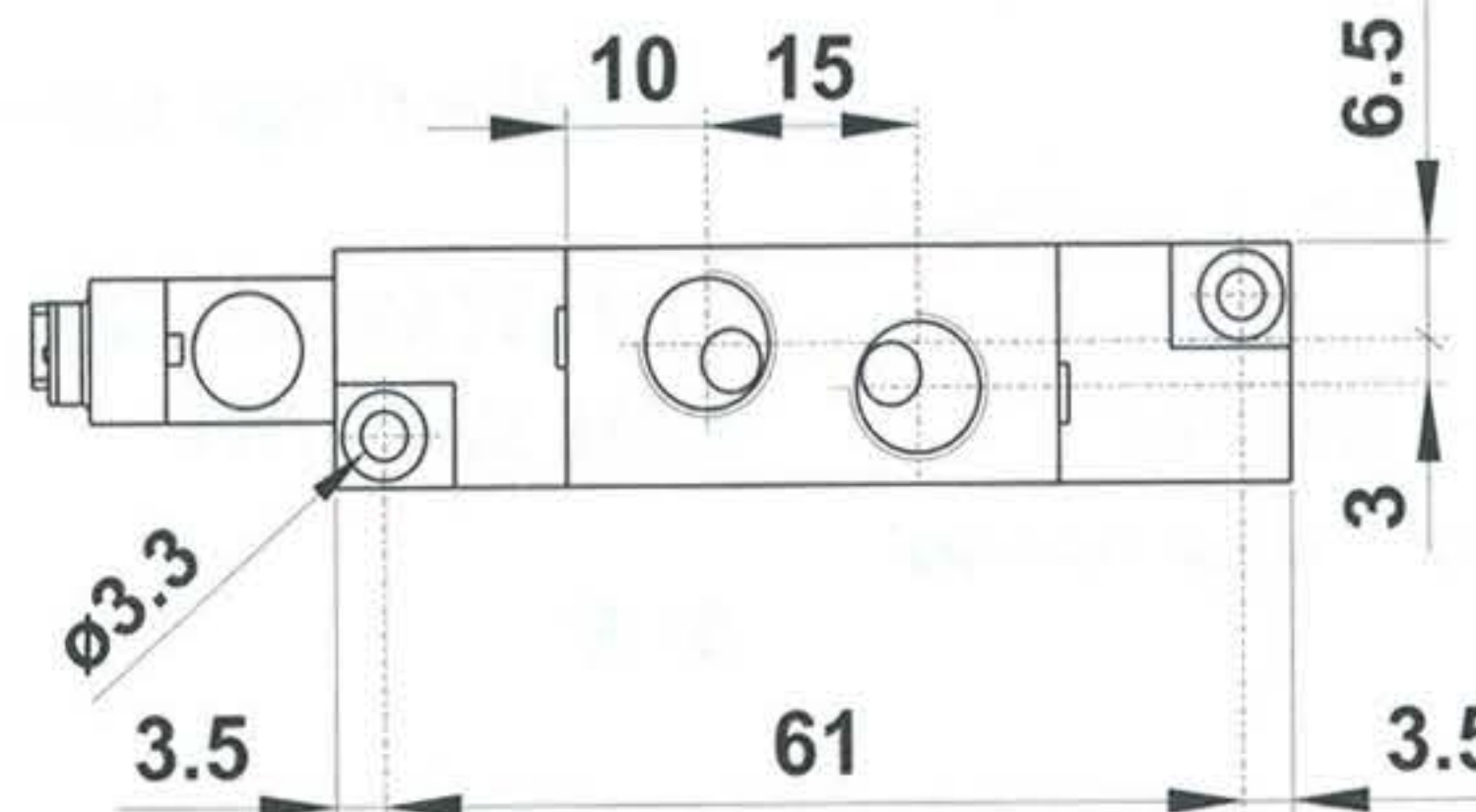
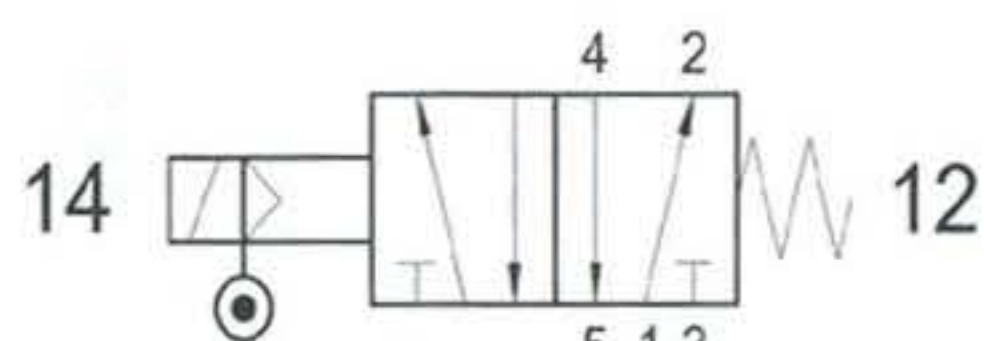
azionatore manuale
manual override



indicatore LED
LED indicator

451P ME AS

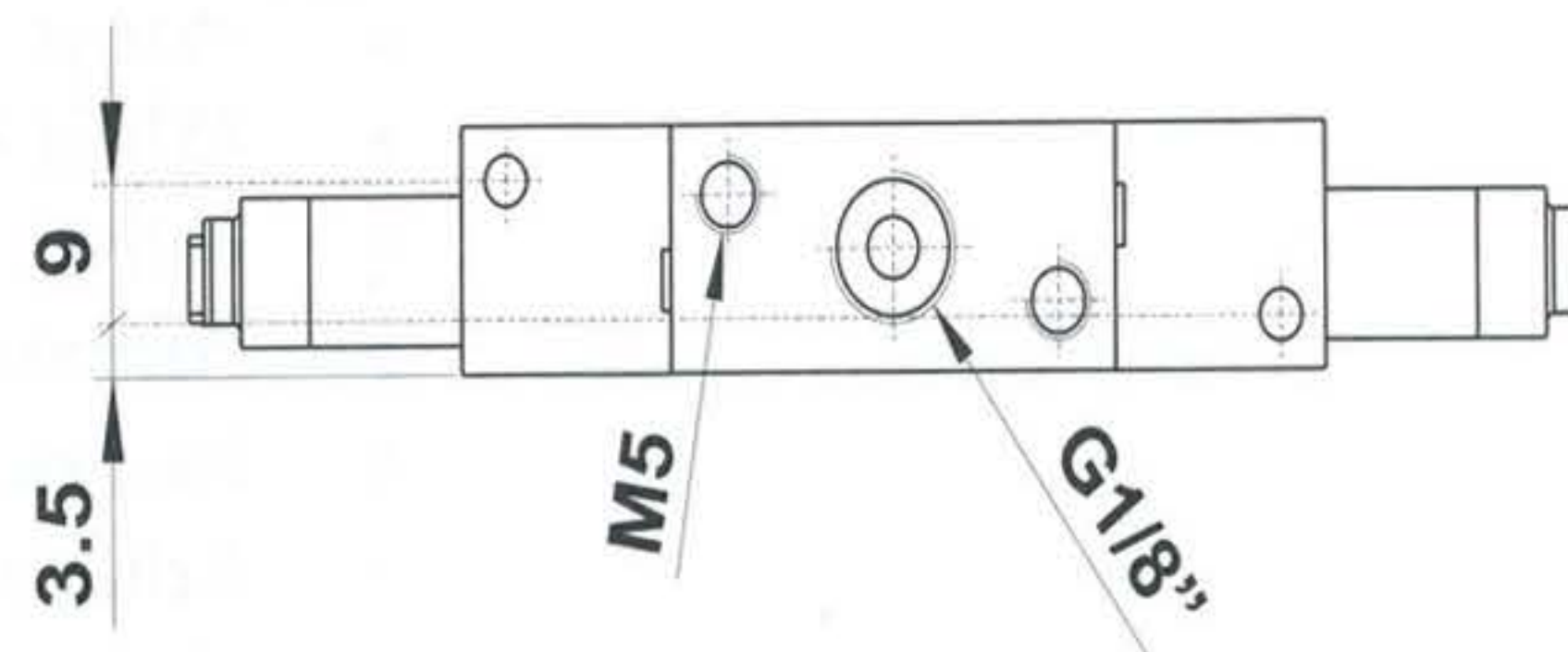
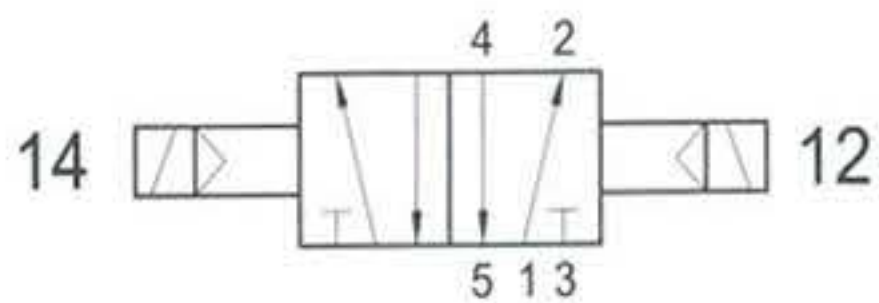
5/2 1/8" comando elettrico alimentazione separata - ritorno a molla
5/2 1/8" solenoid pilot with separate air supply - spring return



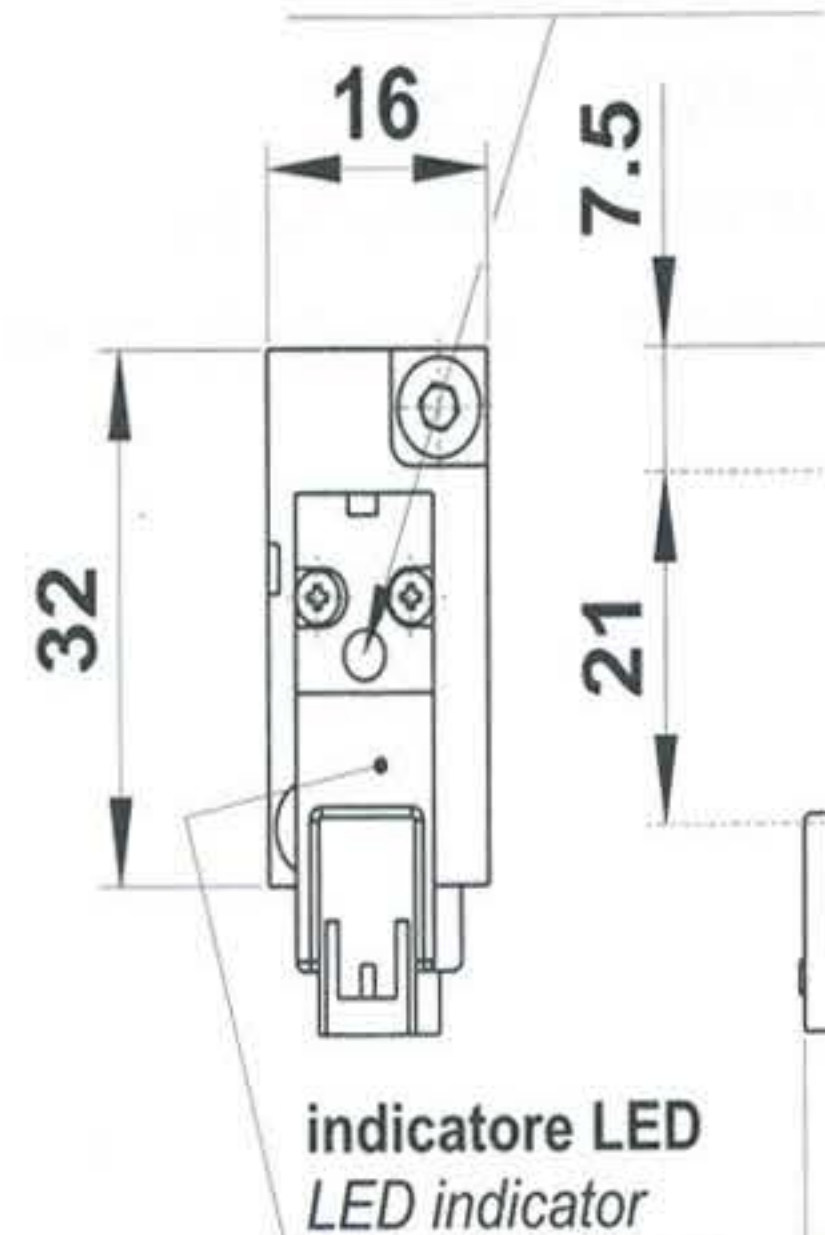
Questa valvola può essere utilizzato solo su sottobase

451P EE

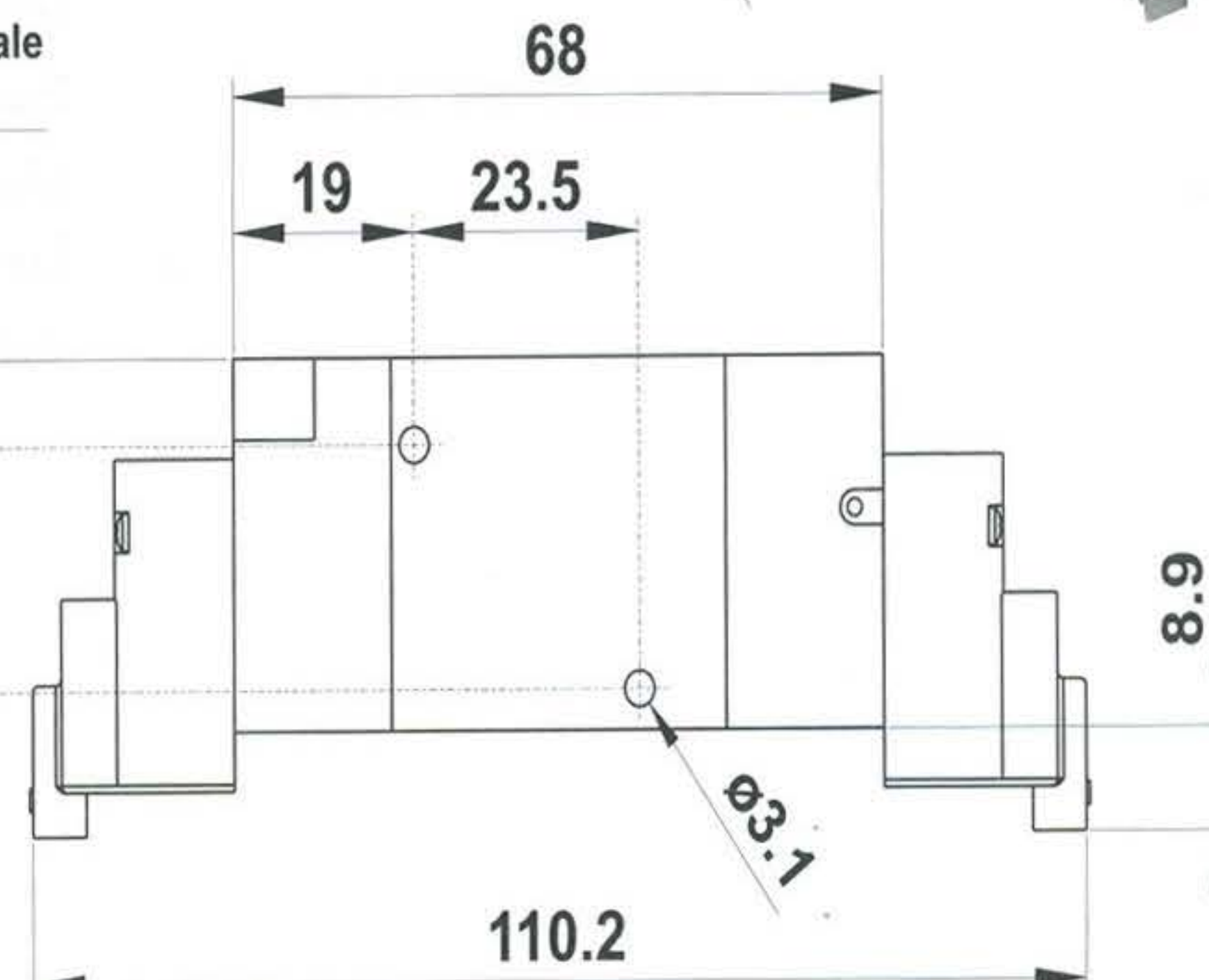
5/2 1/8" doppio comando elettrico
5/2 1/8" double solenoid pilot



azionatore manuale
manual override

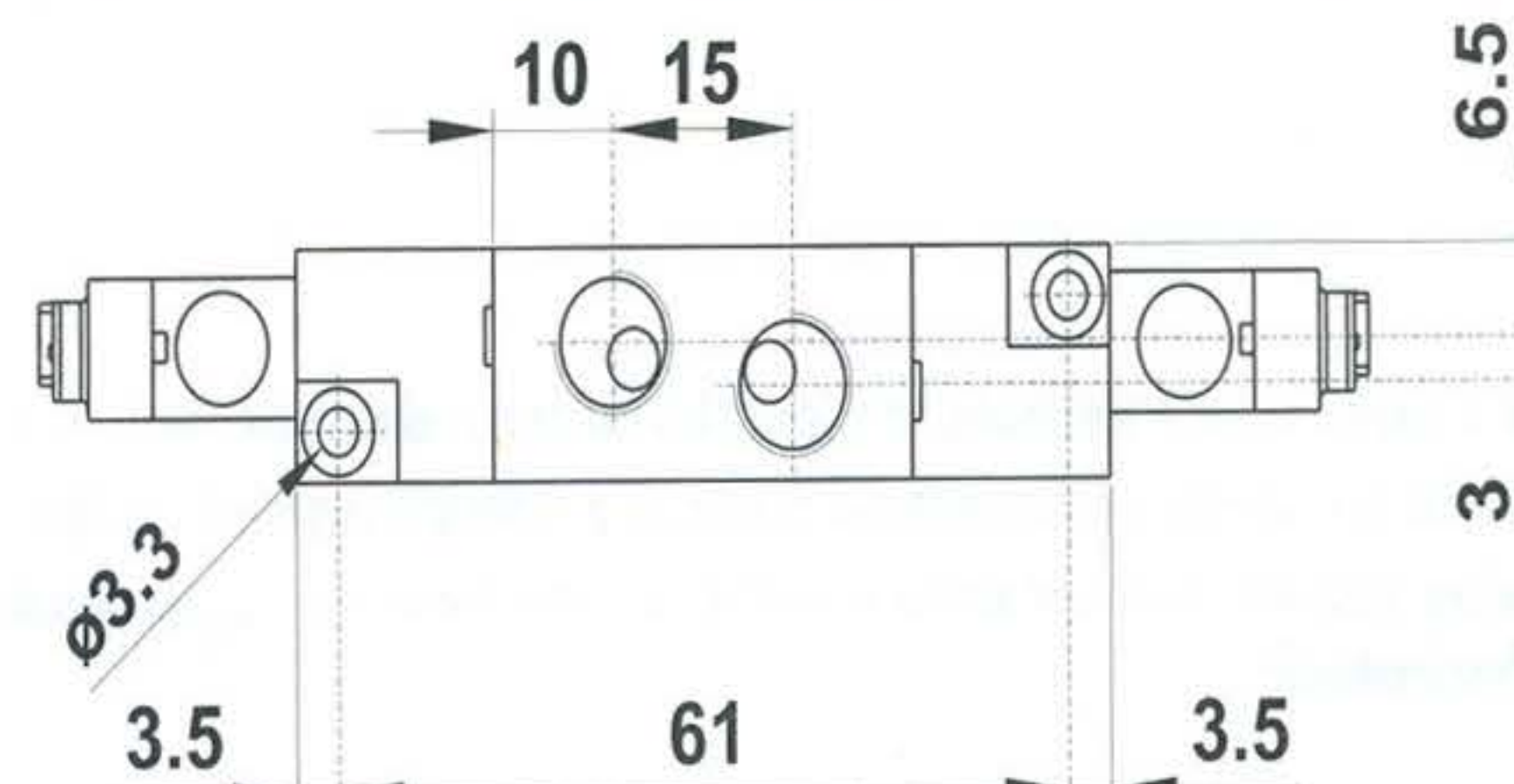
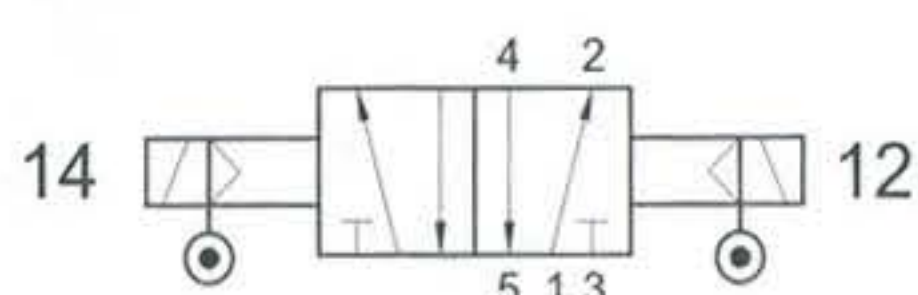


indicatore LED
LED indicator



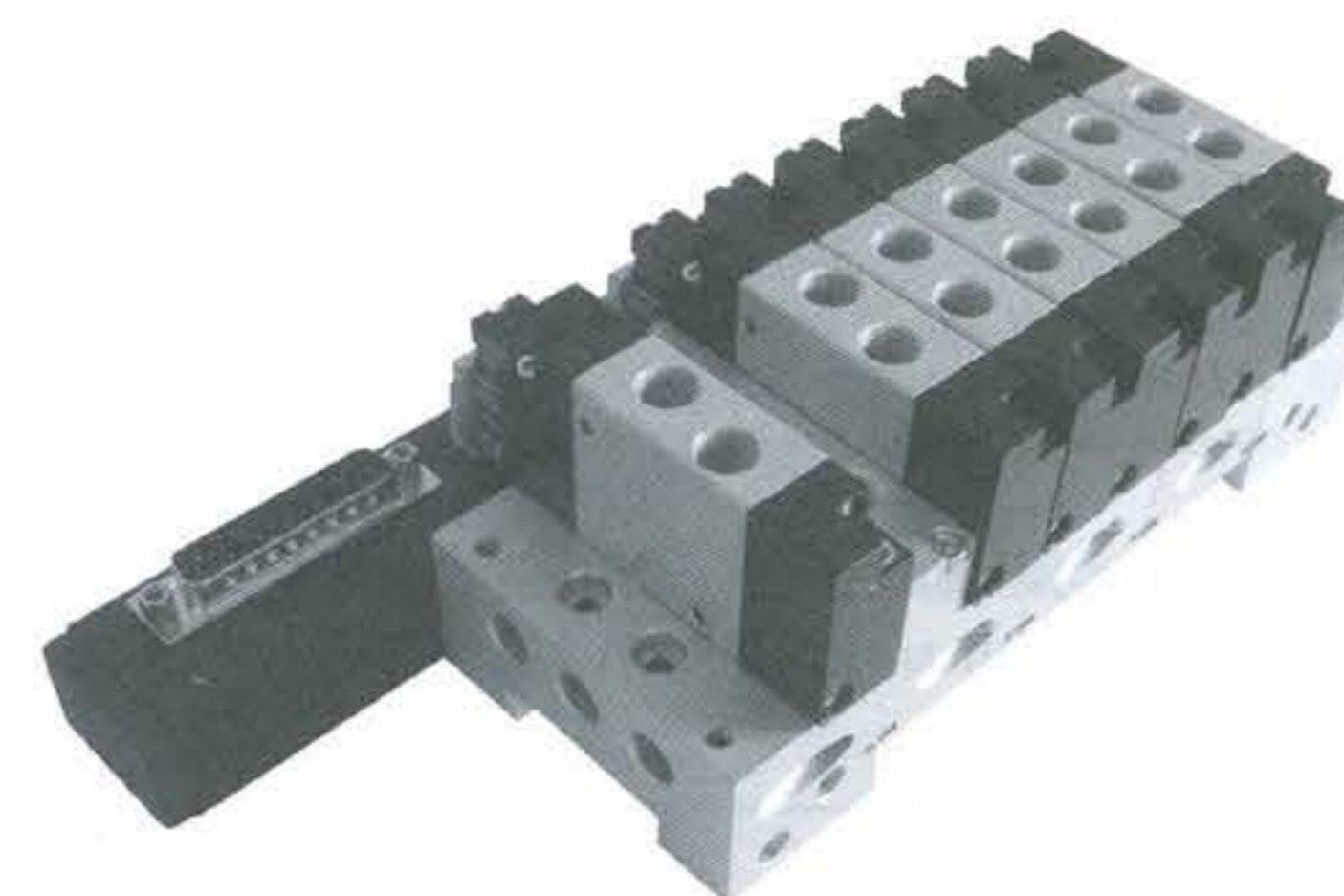
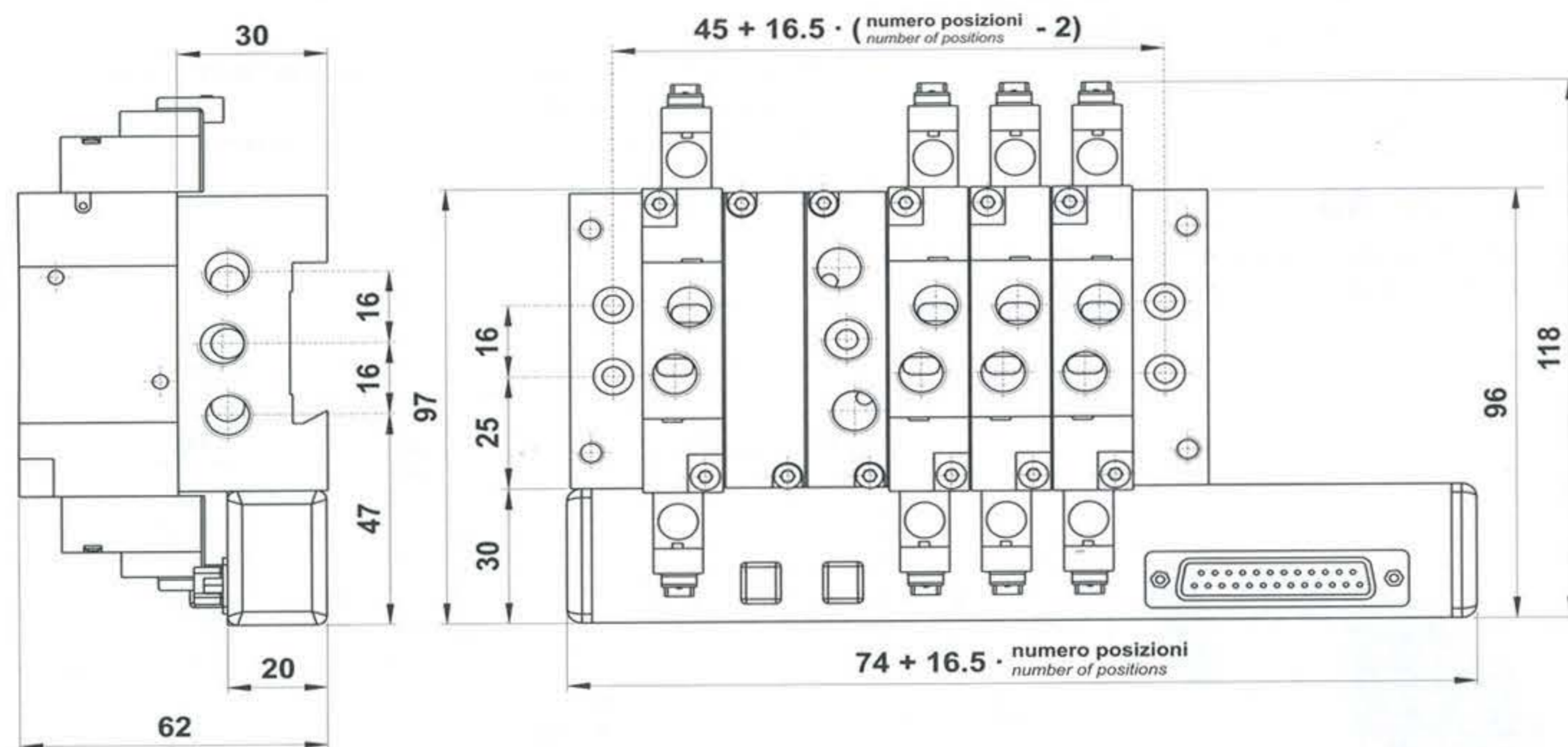
451P EE AS

5/2 1/8" doppio comando elettrico alimentazione separata
5/2 1/8" double solenoid pilot with separate air supply



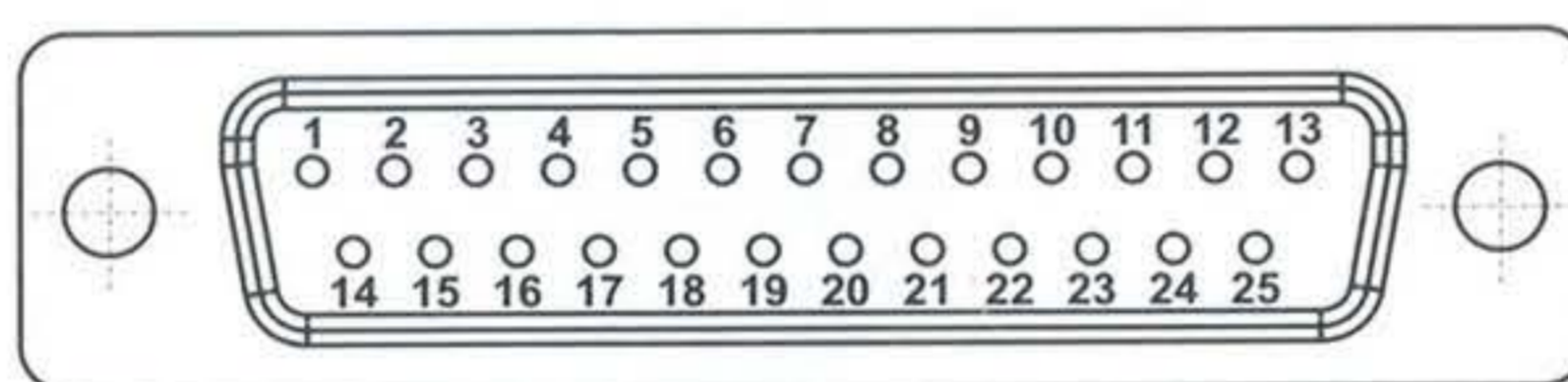
Questa valvola può essere utilizzato solo su sottobase

multiconnessione plug-in compatta

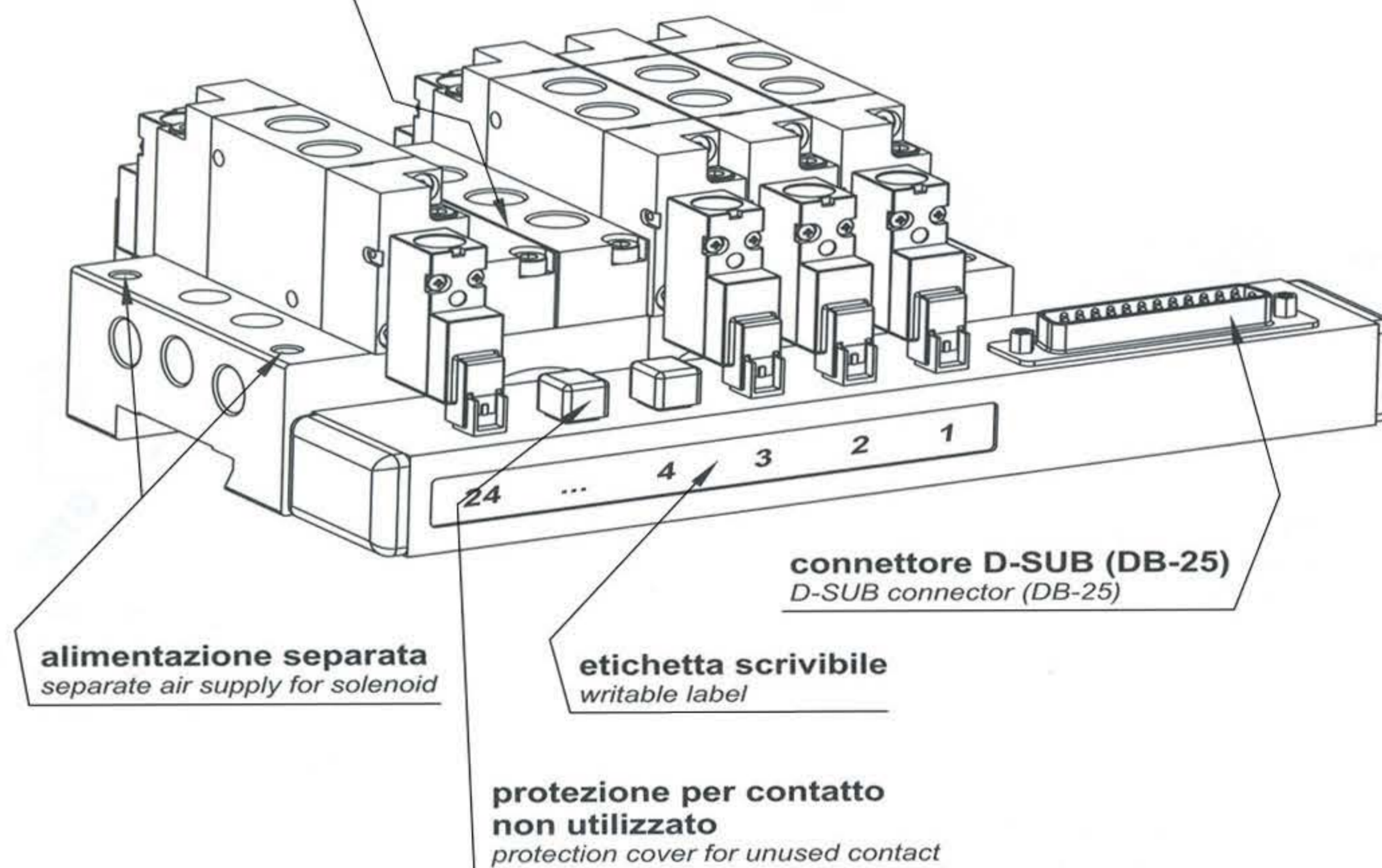


connettore D-SUB (DB-25) connector D-SUB (DB-25)

- 1-24 segnali per elettropiloti
signals for solenoid valves
- 25 comune (-)
common (-)



diaframma interno per separare scarichi e alimentazione
internal diaphragm to divide air supply and exhaust



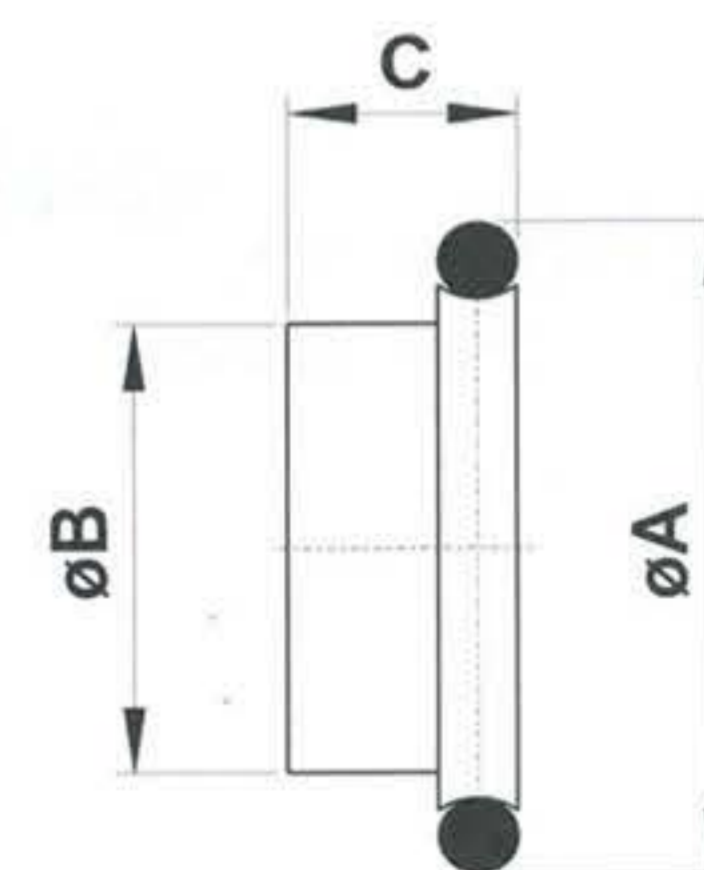
diaframma interno internal diaphragm

Questo diaframma deve essere collocato internamente tra un elemento e l'altro della batteria di valvole per interrompere il flusso dell'aria e dividere la batteria in due o più settori. Può essere utilizzato per interrompere solo l'alimentazione, solo gli scarichi o sia l'alimentazione sia gli scarichi. Può essere ordinato singolarmente, e in questo caso deve essere inserito manualmente smontando parzialmente la batteria di valvole, oppure può essere ordinato insieme alla batteria di valvole indicandolo opportunamente come specificato nella chiave di codifica della multiconnessione.

This diaphragm must be inserted between two elements of the manifold to interrupt the air flow and divide the manifold into two or more parts. It can be used to interrupt only the supply air flow, only the exhausts or both air supply and exhausts. It can be ordered as spare part, and in this case it must be manually inserted after having partly disassembled the manifold, or it can be ordered together with the valve manifold, indicating it in the order code as specified in the codes explanation of the multiconnection.

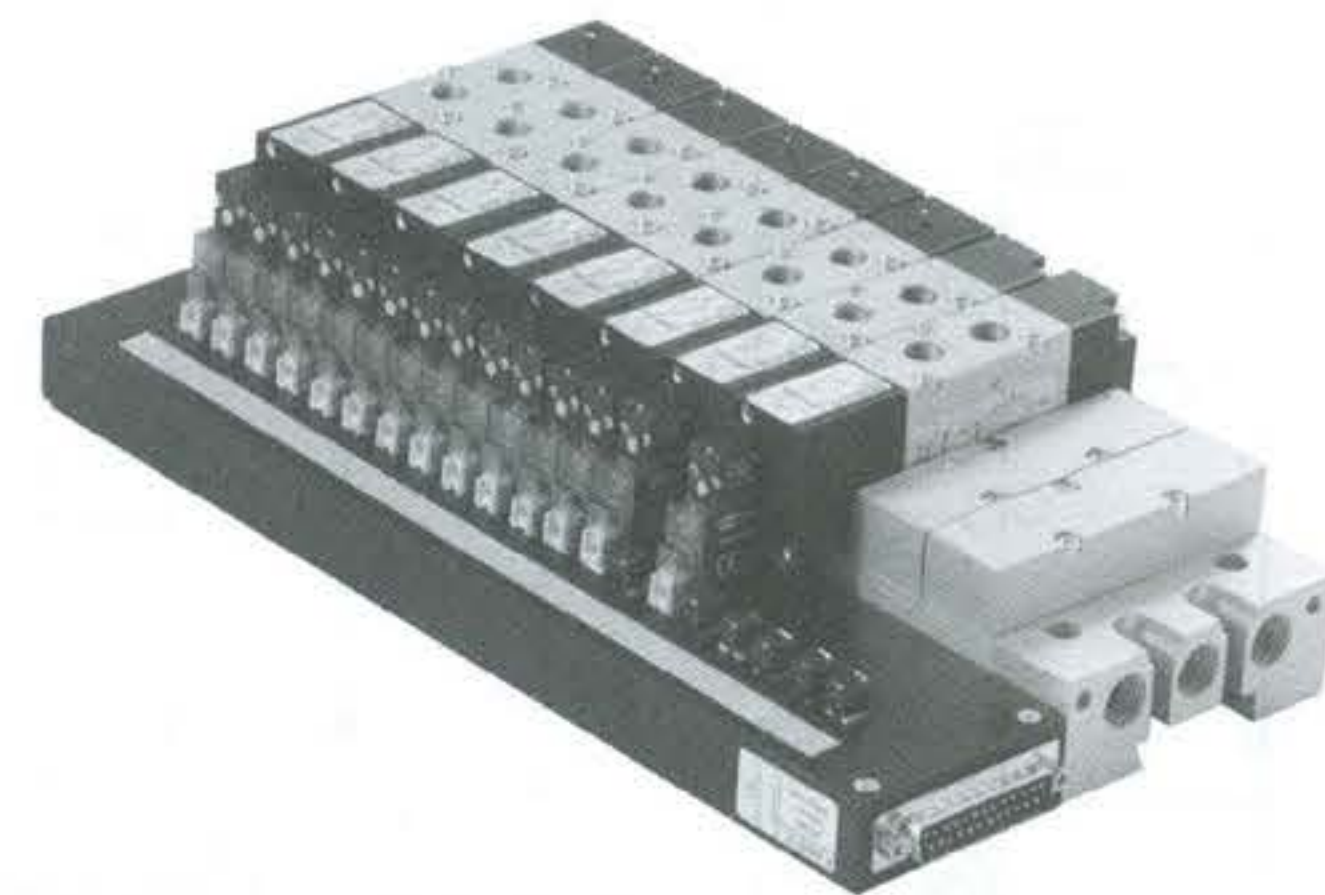
CODICE DI ORDINAZIONE - ORDER CODE

07.011.2 per batterie di valvole 1/8" - for 1/8" manifolds



	1/8"
A	10
B	6.6
C	3.2

- Valvole a spola 3/2-5/2-5/3 con attacchi filettati G1/8"-G1/4"
3/2-5/2-5/3 spool valves with G1/8"-G1/4" threaded ports
- Comandi elettrici con azionamento manuale
Solenoid pilots with manual override
- Tensione 24V DC
Tension 24V DC
- Protezione elettrica IP 40
Electrical protection IP 40
- Potenza 0.5 ... 1W
Power 0.5 ... 1W
- Massimo 12 valvole bistabili o 24 monostabili (su base a posti fissi in ogni caso 12 valvole al massimo)
Maximum 12 bi-stable valves or 24 mono-stable (on fixed manifold in any case maximum 12 valves)

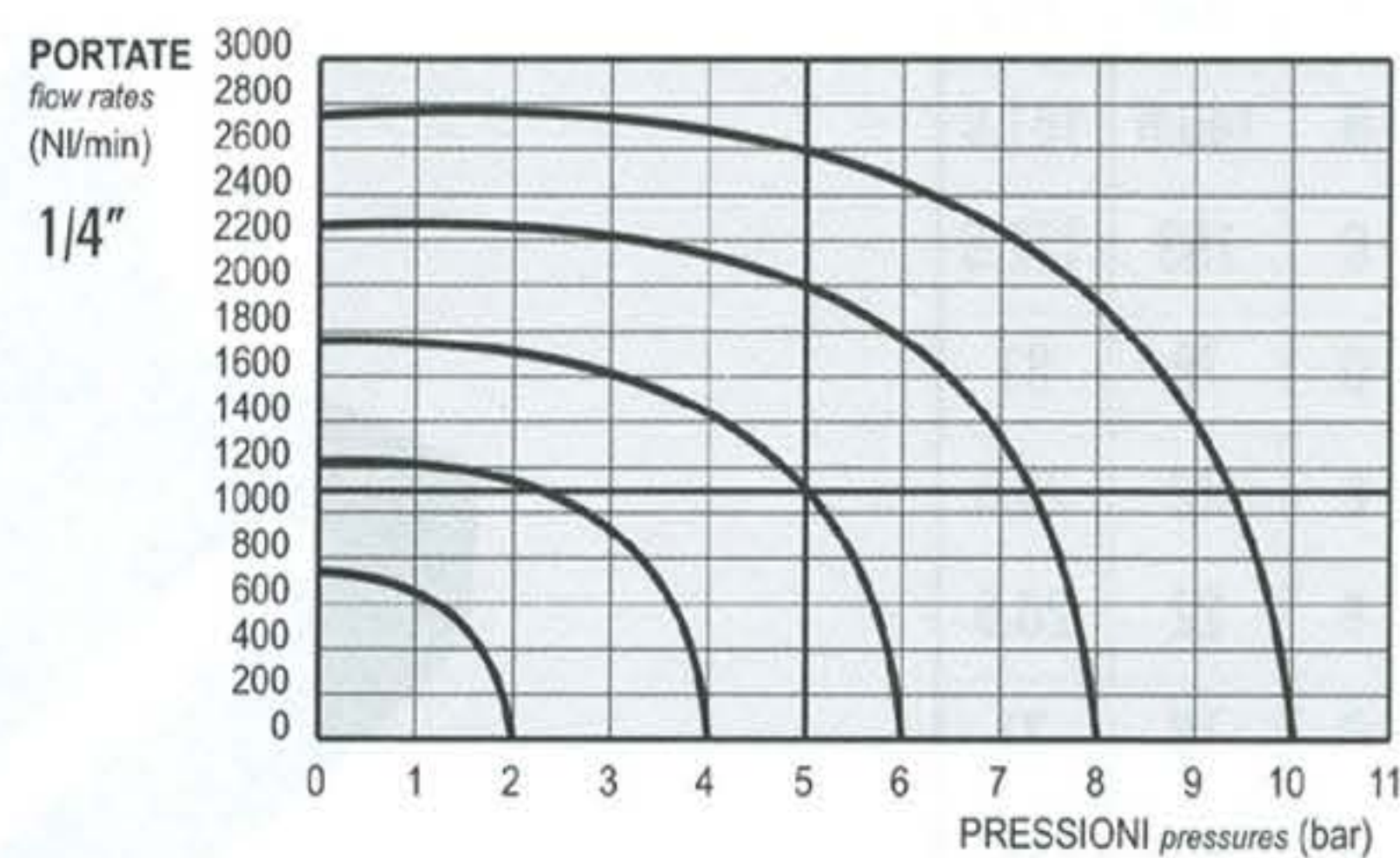
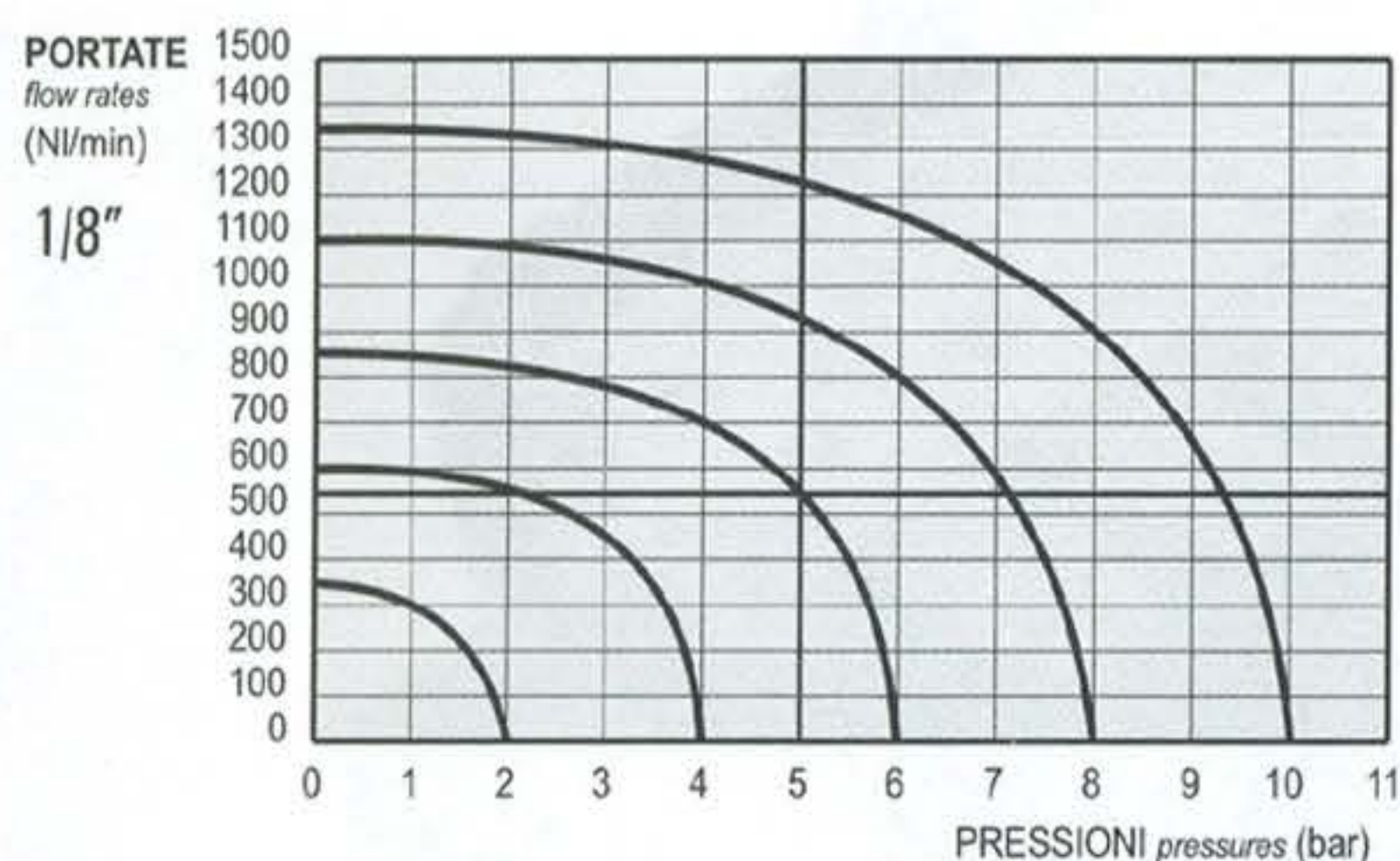


Materiali

Corpo: alluminio 11S
Fondelli: tecnopolimero o alluminio
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

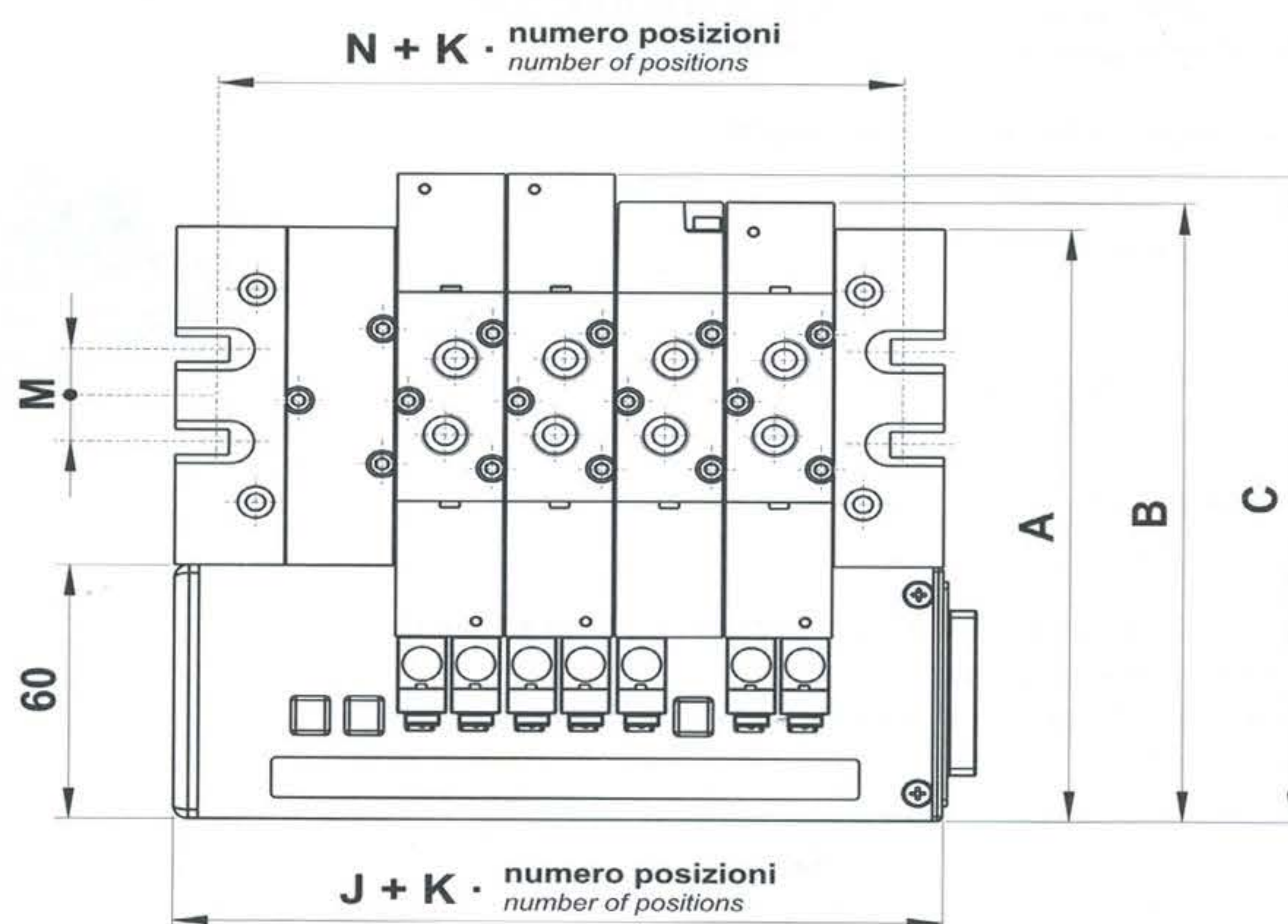
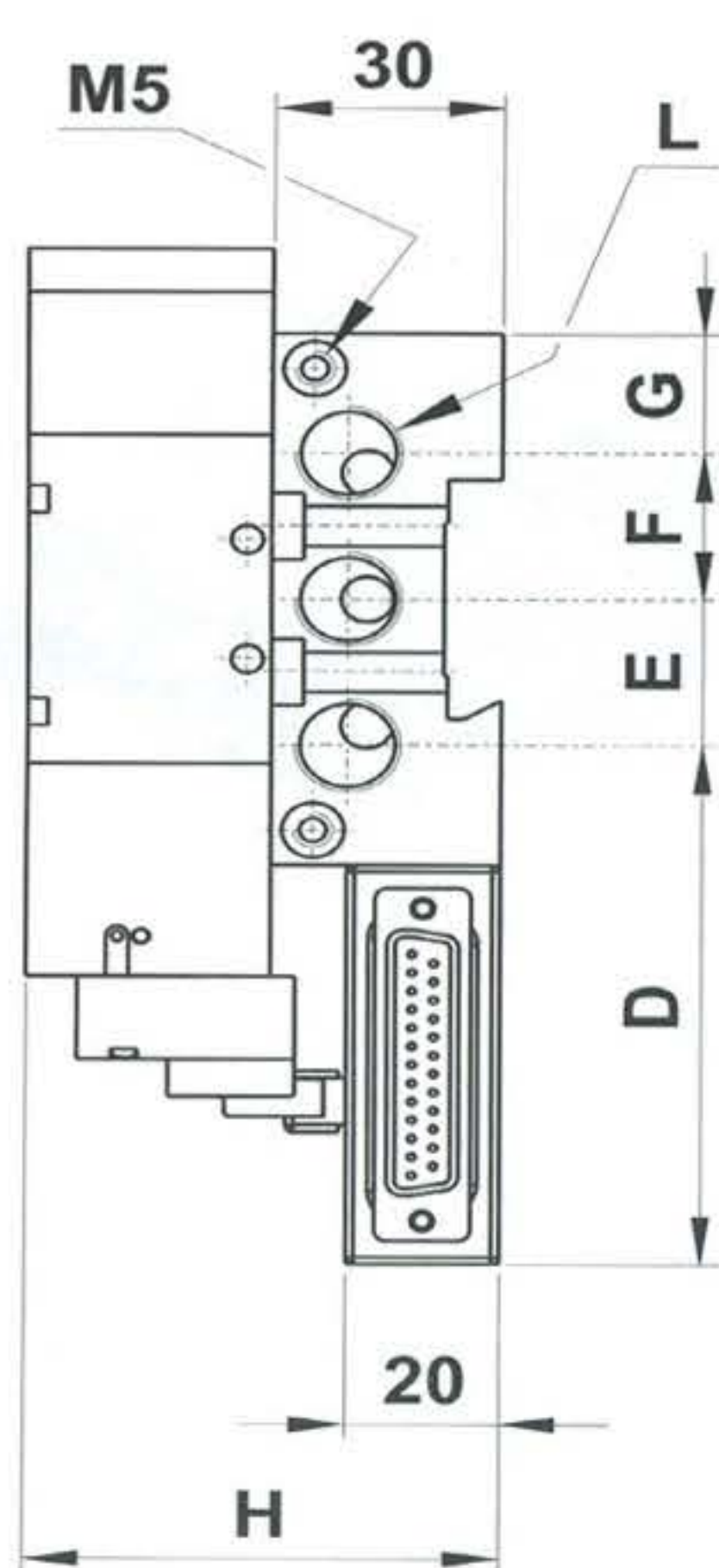
Materials

Body: aluminium 11S
End caps: technopolymer or aluminium
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58



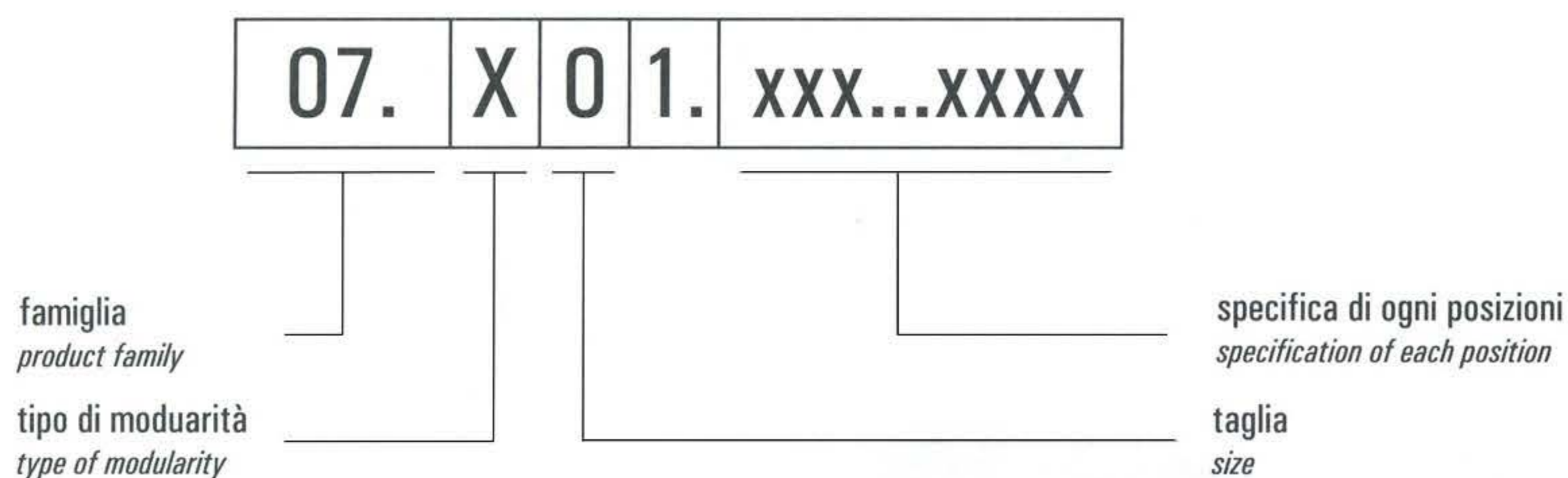
Diametro nominale <i>Nominal orifice</i>		1/8": 5 mm 1/4": 7.5 mm	
Temperatura di esercizio <i>Temperature range</i>		-5 ... +60°C	
Pressione di esercizio <i>Working pressure</i>	al. interna monost. <i>(monost. internal air supply)</i>	al. interna bist. <i>(bi-stable internal air supply)</i>	alim. separata <i>(separate air supply)</i>
	2.5 ... 7 bar 0.25 ... 0.7 MPa	2.5 ... 7 bar 0.25 ... 0.7 MPa	-0.9 ... 7 bar -0.09 ... 0.7 MPa
Pressione di azionamento (per alimentazione separata) <i>Actuating pressure (for separate air supply)</i>	monostabile <i>(mono-stable)</i>		bistabile <i>(bi-stable)</i>
	2.5 ... 7 bar 0.25 ... 0.7 MPa		2.5 ... 7 bar 0.25 ... 0.7 MPa
Fluido <i>Fluid</i>		Aria filtrata 5µ con o senza lubrificazione <i>5µ filtered, lubricated or non lubricated air</i>	

	G1/8"	G1/4"
A	140	155
B	146.5	161.5
C	153	172.5
D	78	81
E	22	26.5
F	22	26.5
G	18	21
H	62	70
J	45	50
K	22.5	26
L	G1/4"	G3/8"
M	22	26.5
N	30	33



chiave di codifica

key to codes



Famiglia [product family]

07 multiconnessione plug-in [plug-in multiconnection]

Tipo di modularità [type of modularity]

X sottobasi a posti fissi [fixed manifold]

Y sottobasi modulari [modular multiple sub-bases]

Taglia [size]

0 G1/8" 22 mm

1 G1/4" 25 mm

2 misto G1/8" + G1/4" [mixed G1/8" + G1/4"]

Specifica di ogni posizione [specification of each position]

RISPETTARE MAIUSCOLE E MINUSCOLE CASE SENSITIVE

G1/8"

a 521P ME
b 521P ME AS
c 521P EE
d 521P EED
e 521P EE AS
f 2x321P ME
g 2x321P ME AS
h 521P3C EE
j 521P3A EE
k 521P3P EE
m 521P3C EE AS
n 521P3A EE AS
p 521P3P EE AS
q 521P CE
r Piastrina di chiusura [blanking plate]
s Intermedio [intermediate header]
t Diaframma alimentazione
 [diaphragm on air supply]
u Diaframma scarichi
 [diaphragm on exhausts]
v Diaframma alimentazione + scarichi
 [diaphragm on air supply and exhausts]

G1/4"

A 522P ME
B 522P ME AS
C 522P EE

E 522P EE AS

H 522P3C EE
J 522P3A EE
K 522P3P EE
M 522P3C EE AS
N 522P3A EE AS
P 522P3P EE AS

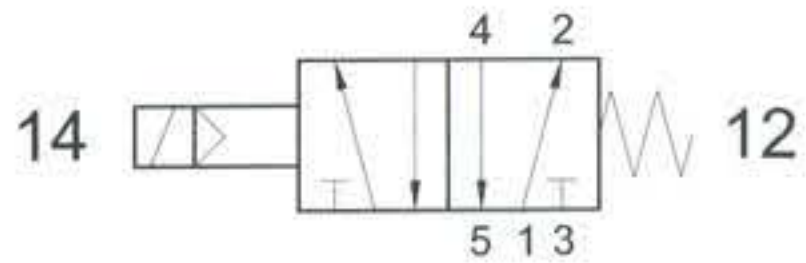
R Piastrina di chiusura [blanking plate]
S Intermedio [intermediate header]
T Diaframma alimentazione
 [diaphragm on air supply]
U Diaframma scarichi
 [diaphragm on exhausts]
V Diaframma alimentazione + scarichi
 [diaphragm on air supply and exhausts]

Le valvole, le parti elettroniche e le sottobasi con i relativi elementi accessori sono compresi e premontati nella multiconnessione ordinata secondo la presente chiave di codifica, non è pertanto necessario ordinarli separatamente.

Valves, electronic parts and sub-bases with accessories are included and preassembled in the multiconnection manifold ordered according to these codes. It is not necessary to order them separately.

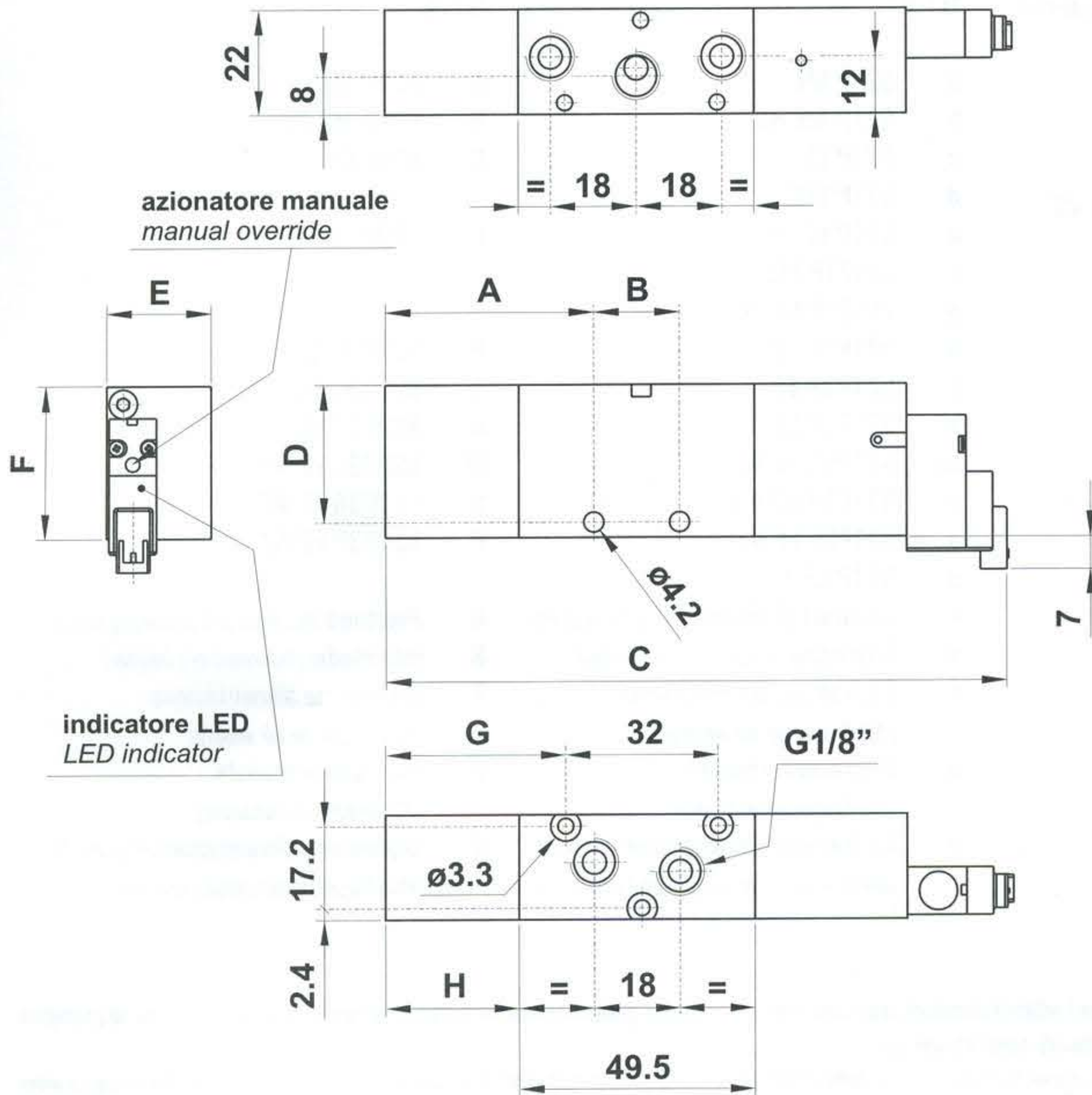
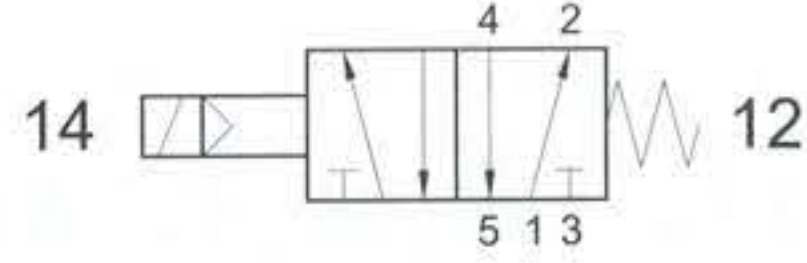
521P ME

5/2 1/8" comando elettrico - ritorno a molla
5/2 1/8" solenoid pilot - spring return



522P ME

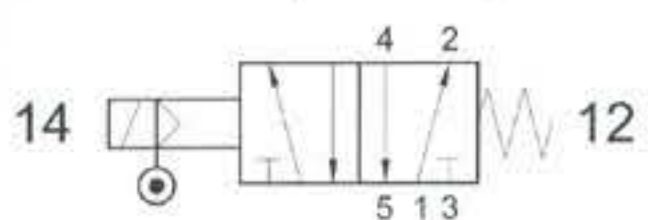
5/2 1/4" comando elettrico - ritorno a molla
5/2 1/4" solenoid pilot - spring return



	G1/8"	G1/4"
A	37.25	43
B	18	22
C	124.1	143.1
D	28.8	34.3
E	22	25
F	32	40
G	31.25	32
H	21.5	23

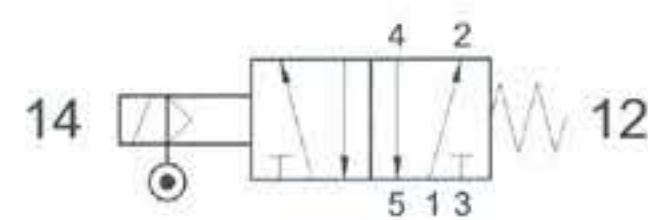
521P ME AS

5/2 1/8" comando elettrico alimentazione separata - ritorno a molla
5/2 1/8" solenoid pilot with separate air supply - spring return



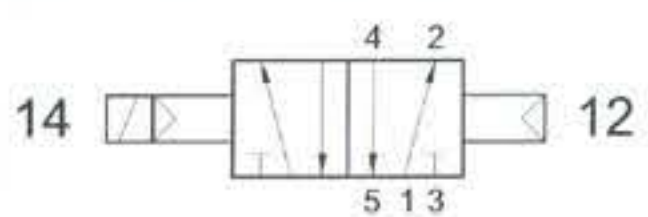
522P ME AS

5/2 1/4" comando elettrico alimentazione separata - ritorno a molla
5/2 1/4" solenoid pilot with separate air supply - spring return



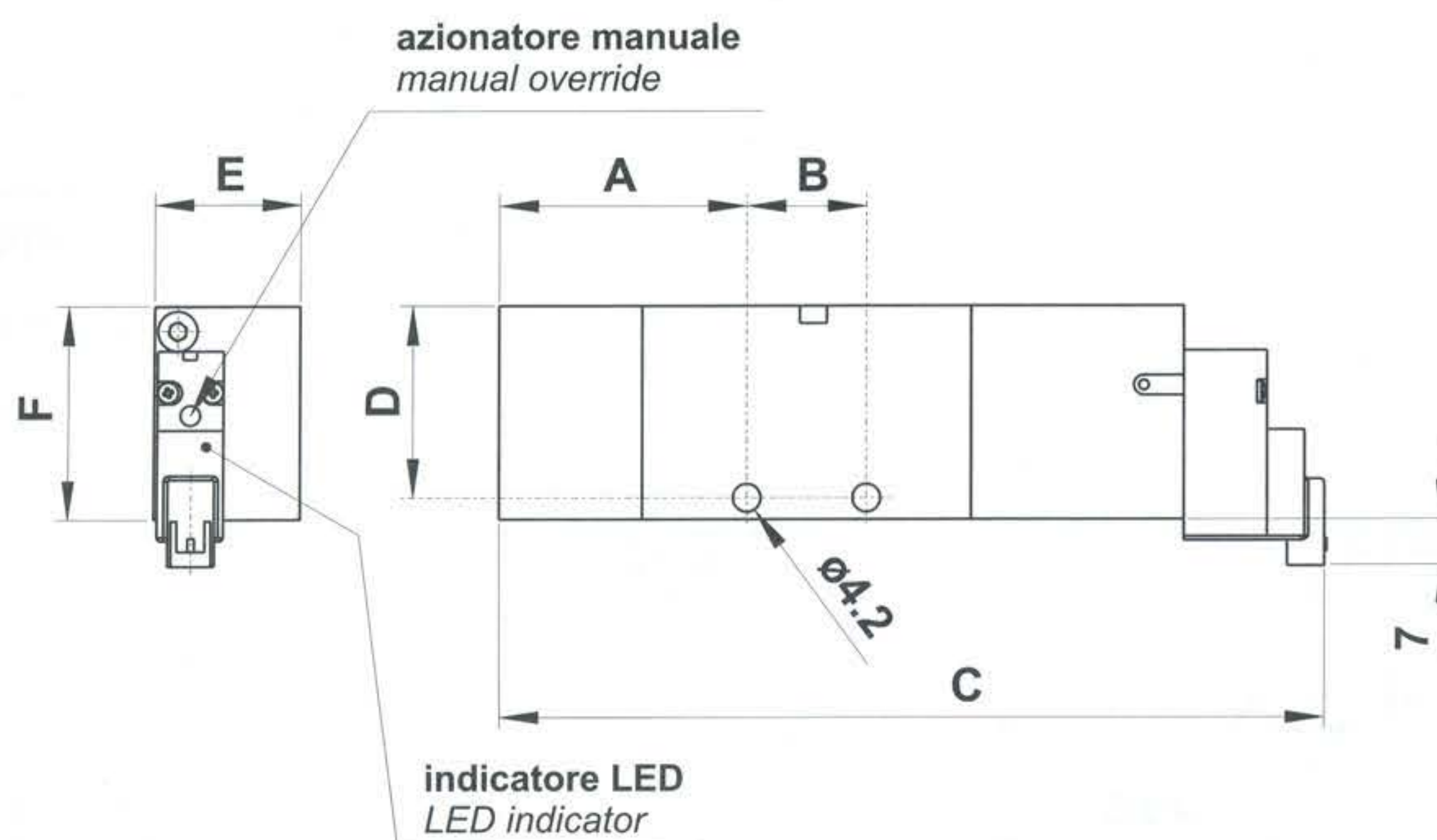
521P CE

5/2 1/8" comando elettrico - ritorno a comando pneumatico
5/2 1/8" solenoid pilot - separate pneumatically piloted return



Queste valvole non possono essere utilizzate per installazione singola in linea, ma solo su sottobase.

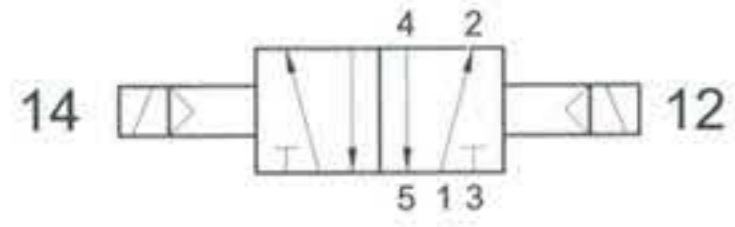
These valves cannot be installed in-line stand alone, but only on sub-base.



	G1/8"	G1/4"
A	37.25	43
B	18	22
C	124.1	143.1
D	28.8	34.3
E	22	25
F	32	40

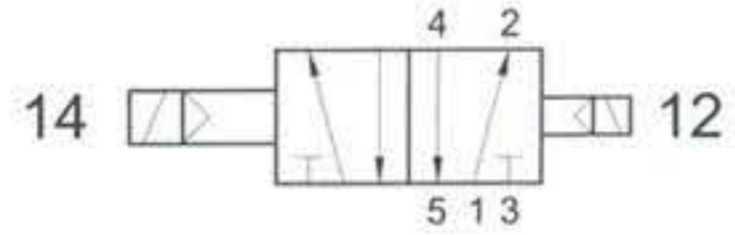
521P EE

5/2 1/8" doppio comando elettrico
5/2 1/8" double solenoid pilot



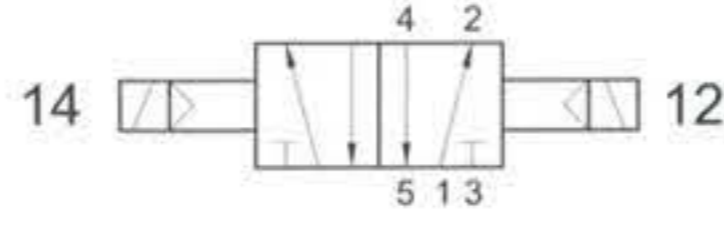
521P EED

5/2 1/8" doppio comando elettrico - con differenziale
5/2 1/8" double solenoid pilot - with differential



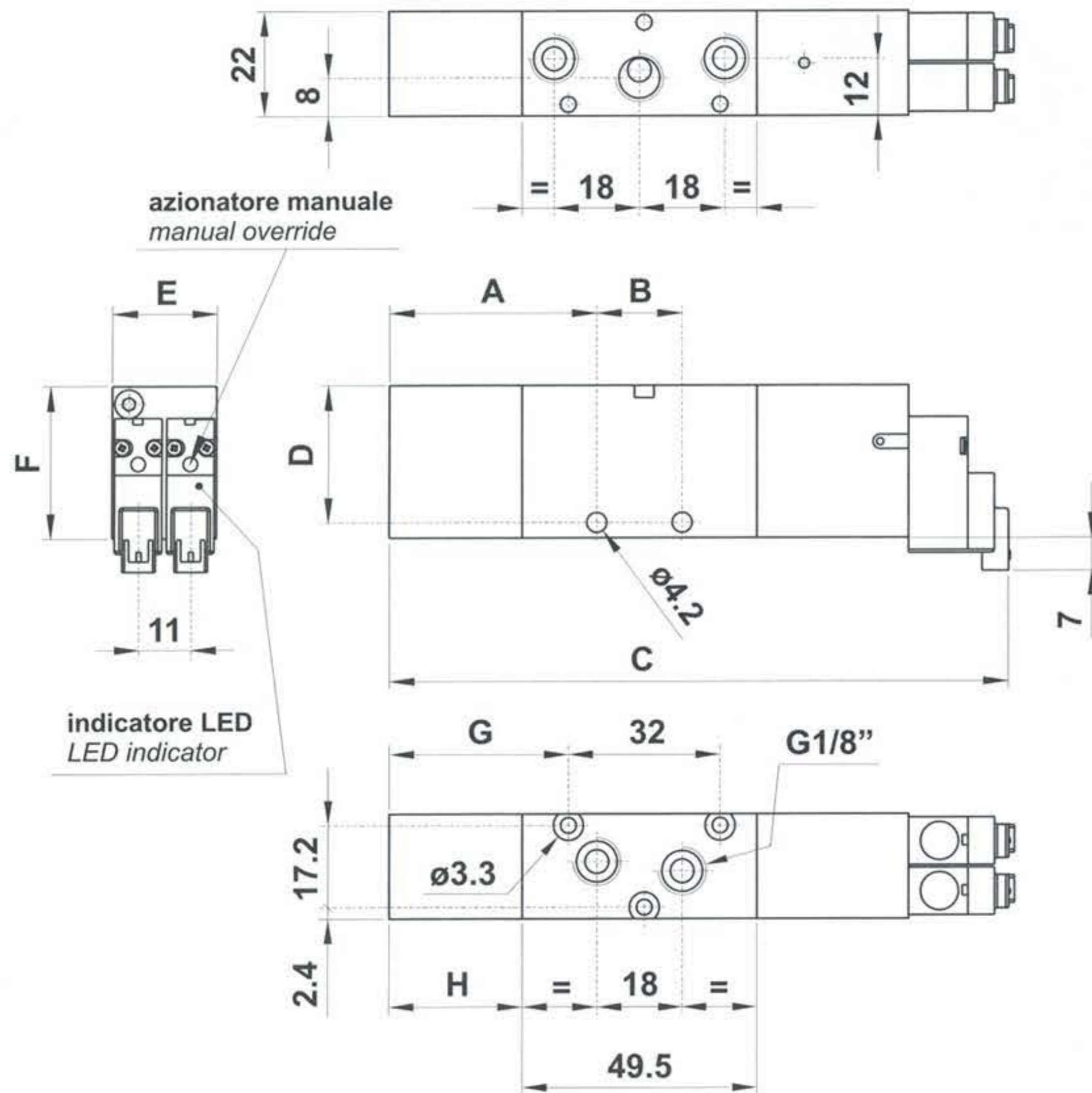
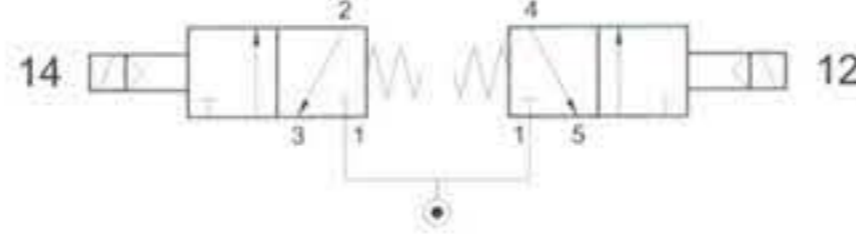
522P EE

5/2 1/4" doppio comando elettrico
5/2 1/4" double solenoid pilot



2x321P ME

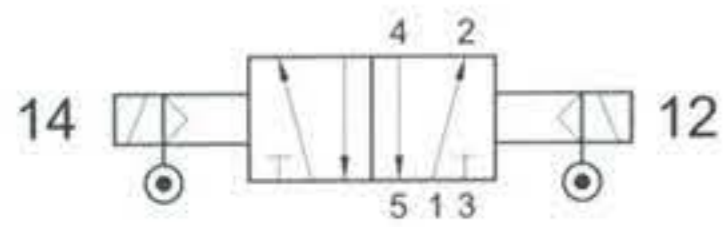
doppia 3/2 1/8" comando elettrico - ritorno a molla
double 3/2 1/8" solenoid pilot - spring return



	G1/8"	G1/4"
A	37.25	43
B	18	22
C	124.1	143.1
D	28.8	34.3
E	22	25
F	32	40
G	31.25	32
H	21.5	23

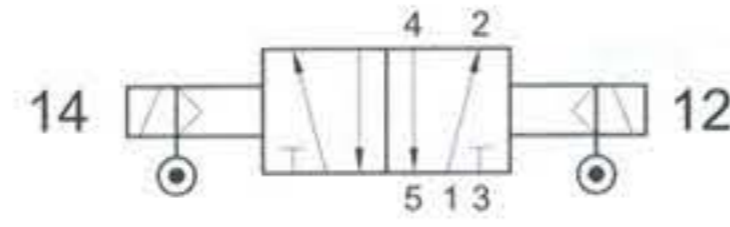
521P EE AS

5/2 1/8" doppio comando elettrico alimentazione separata
5/2 1/8" double solenoid pilot with separate air supply



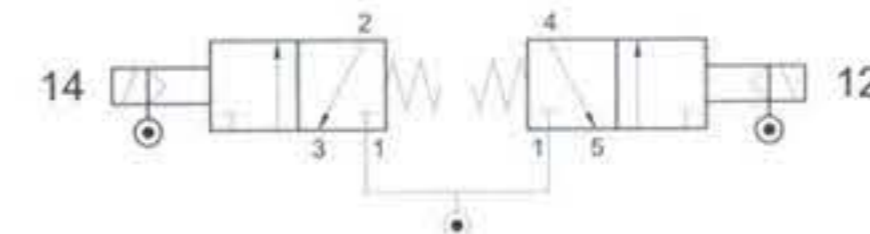
522P EE AS

5/2 1/4" doppio comando elettrico alimentazione separata
5/2 1/4" double solenoid pilot with separate air supply

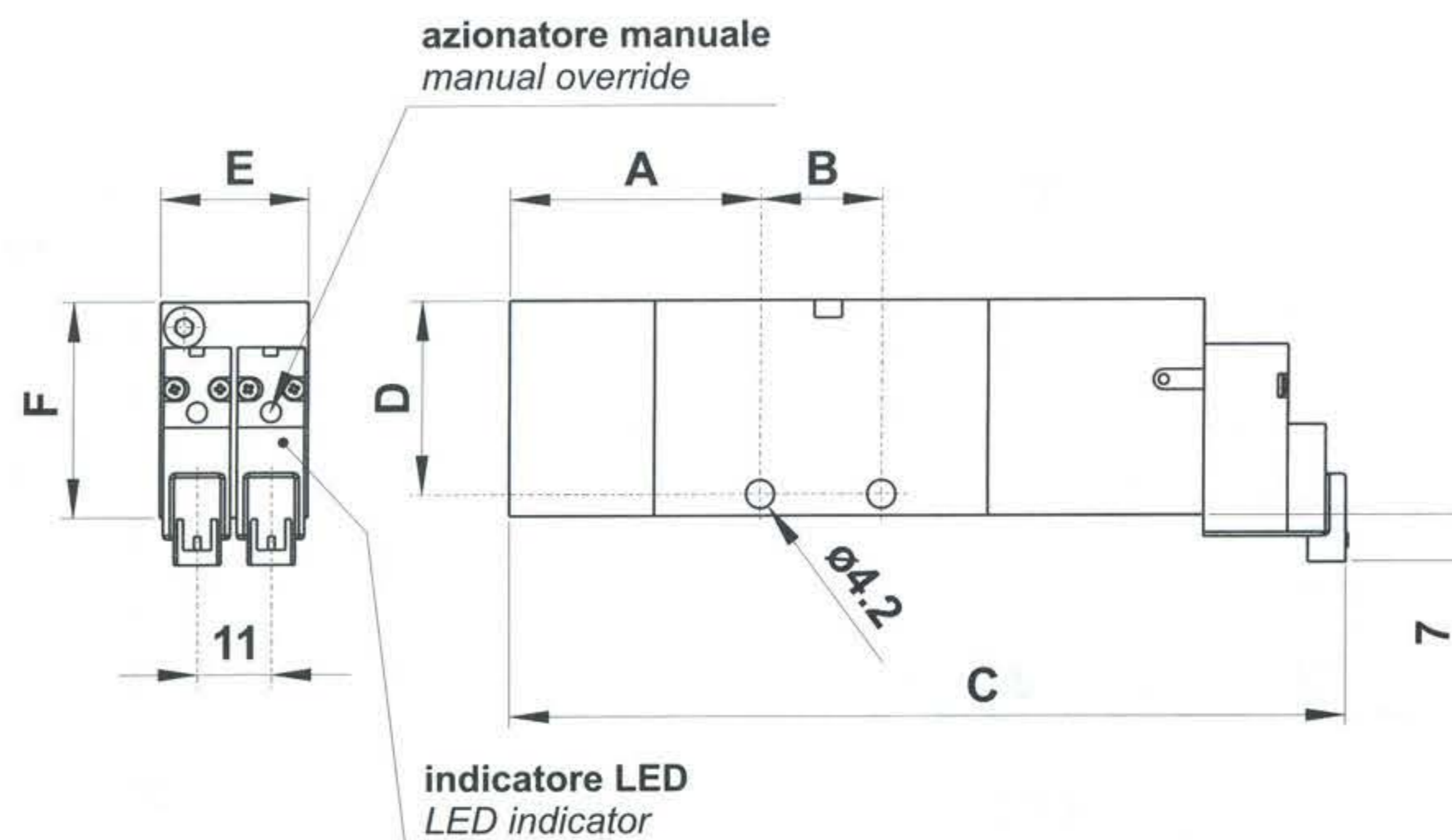


2x321P ME AS

doppia 3/2 1/8" comando elettrico alimentazione separata - ritorno a molla
double 3/2 1/8" solenoid pilot with separate air supply - spring return



	G1/8"	G1/4"
A	37.25	43
B	18	22
C	124.1	143.1
D	28.8	34.3
E	22	25
F	32	40



Queste valvole non possono essere utilizzate per installazione singola in linea, ma solo su sottobase.

These valves cannot be installed in-line stand alone, but only on sub-base.

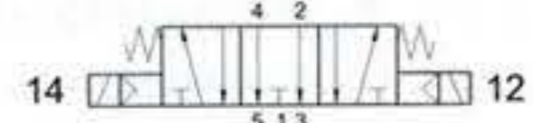
521P3C EE

centri chiusi
closed centres



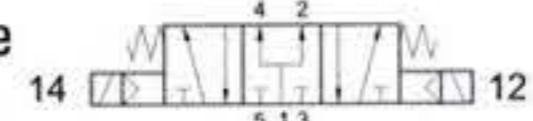
521P3A EE

centri aperti
open centres



521P3P EE

centri in pressione
pressurized centres



5/3 1/8" doppio comando elettrico
5/3 1/8" double solenoid pilot

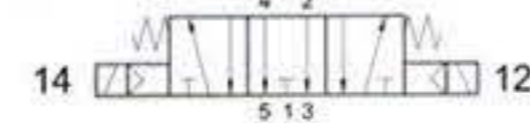
522P3C EE

centri chiusi
closed centres



522P3A EE

centri aperti
open centres

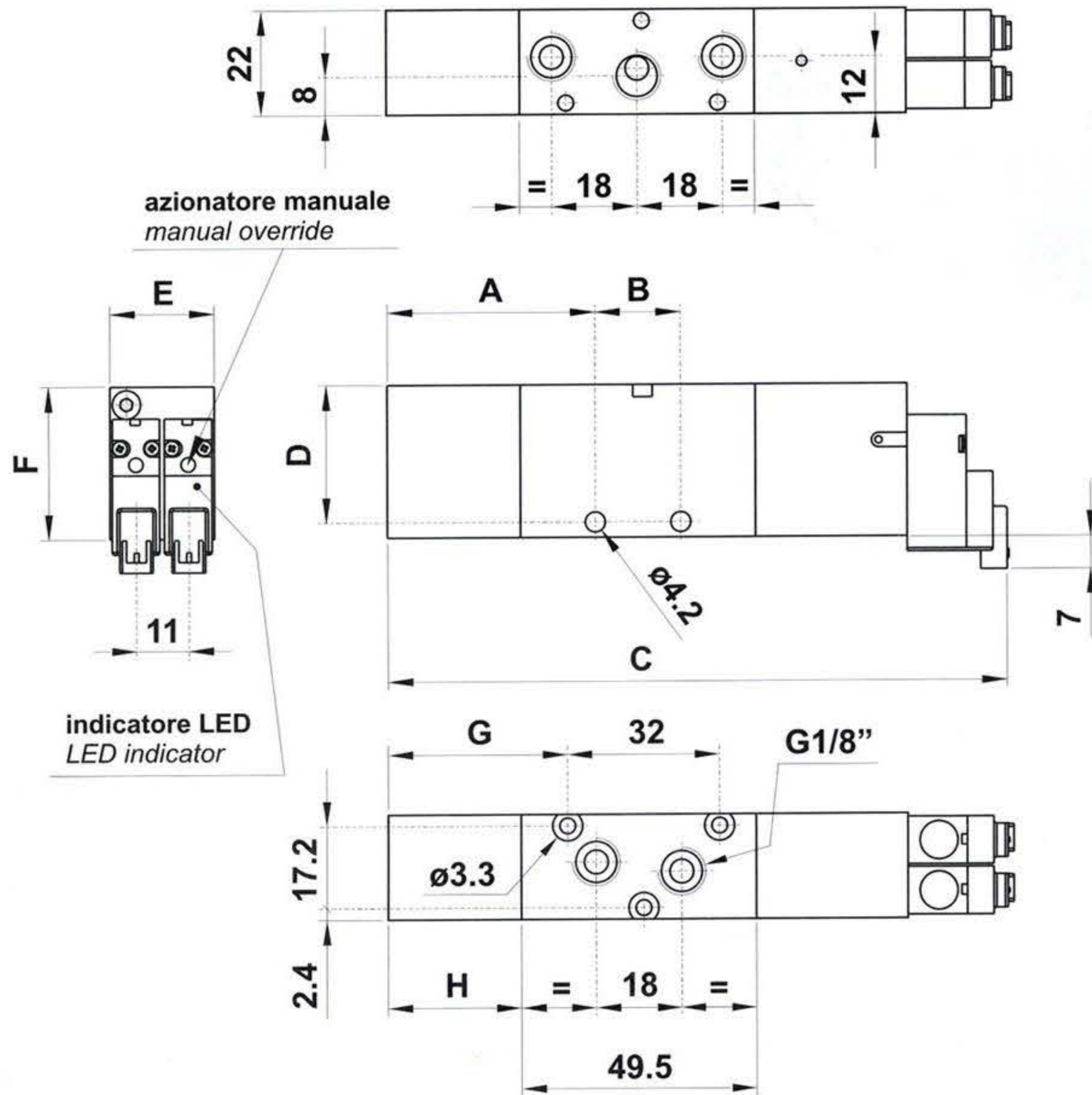


522P3P EE

centri in pressione
pressurized centres



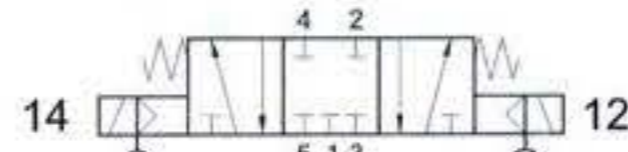
5/3 1/4" doppio comando elettrico
5/3 1/4" double solenoid pilot



	G1/8"	G1/4"
A	43.75	54
B	18	22
C	130.5	154.2
D	28.8	34.3
E	22	25
F	32	40
G	37.75	43
H	28	34

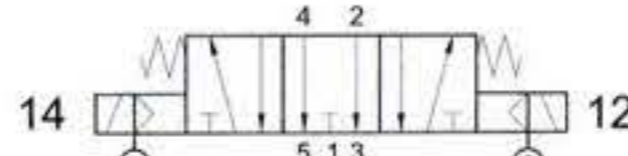
521P3C EE AS

centri chiusi
closed centres



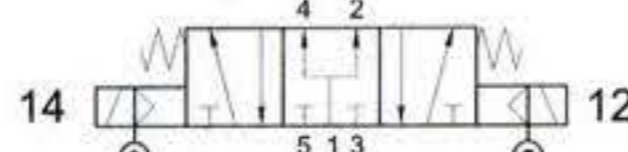
521P3A EE AS

centri aperti
open centres



521P3P EE AS

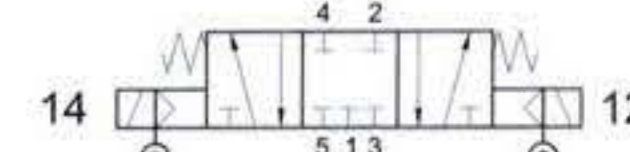
centri in pressione
pressurized centres



5/3 1/8" doppio comando elettrico alimentazione separata
5/3 1/8" double solenoid pilot with separate air supply

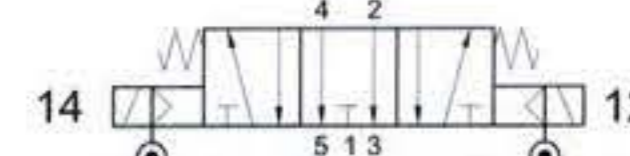
522P3C EE AS

centri chiusi
closed centres



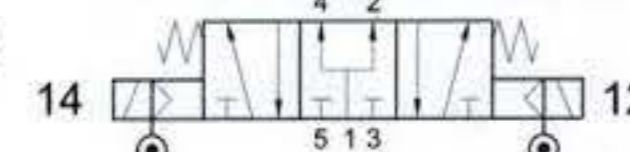
522P3A EE AS

centri aperti
open centres

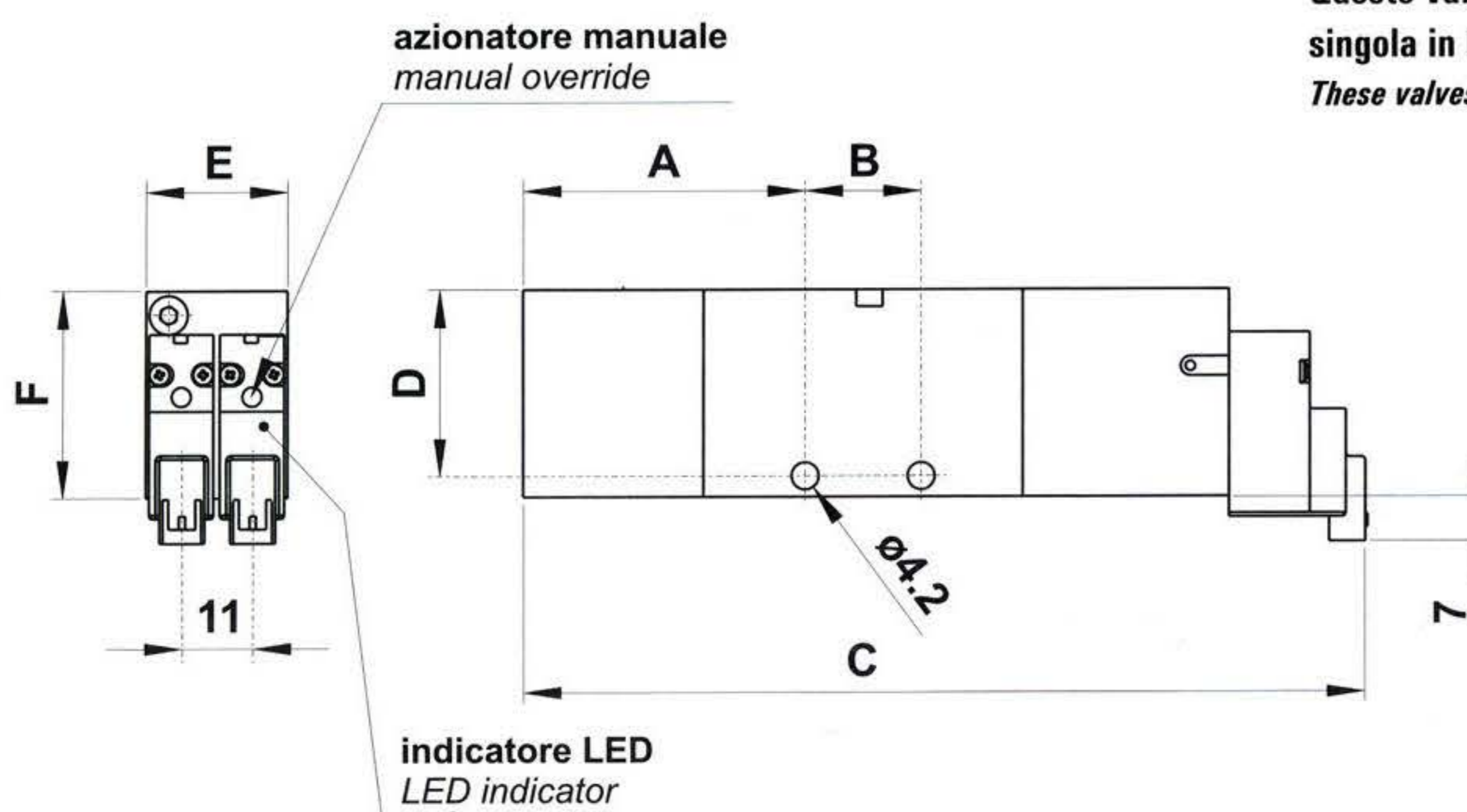


522P3P EE AS

centri in pressione
pressurized centres



5/3 1/4" doppio comando elettrico alimentazione separata
5/3 1/4" double solenoid pilot with separate air supply

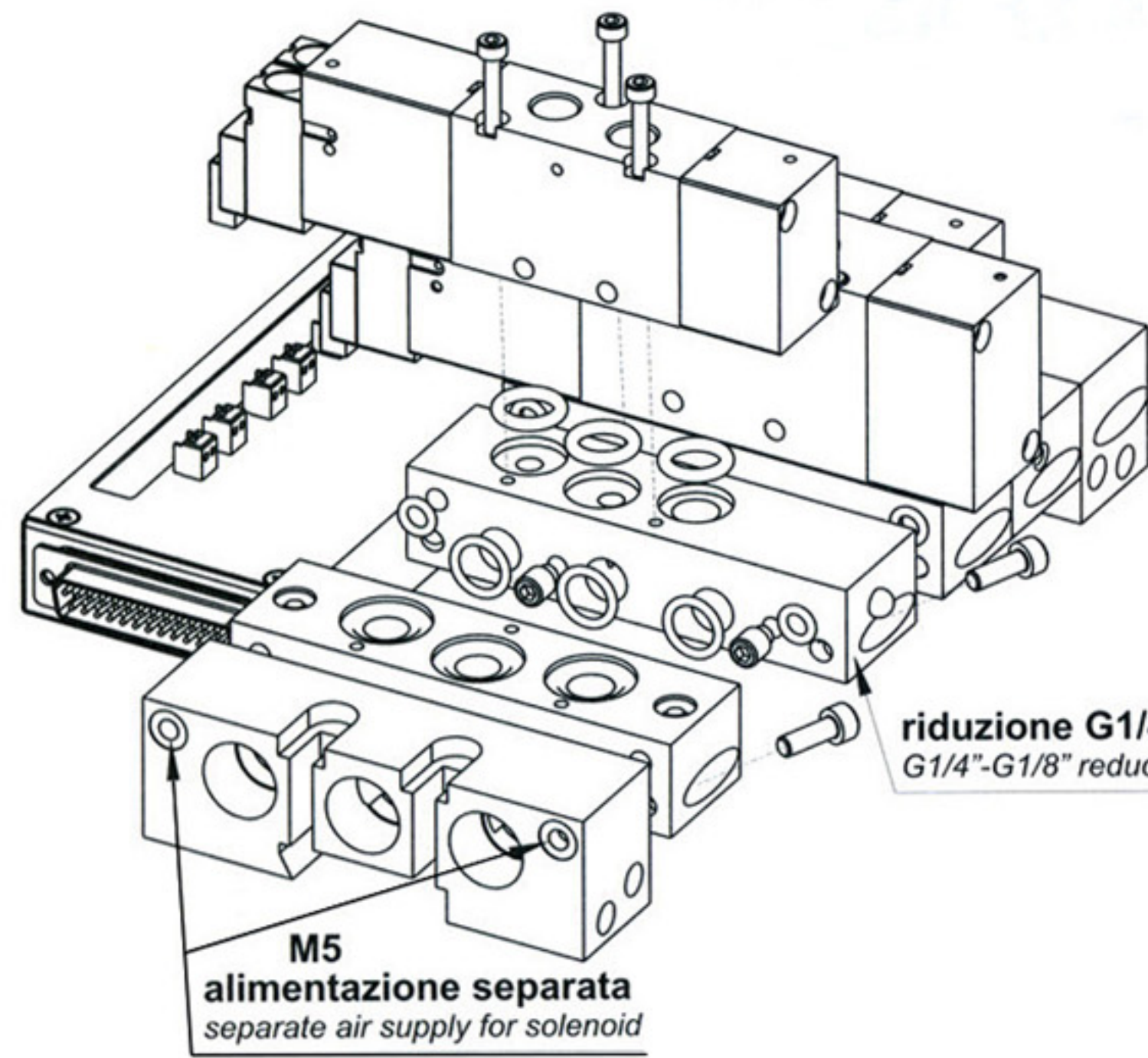


Queste valvole non possono essere utilizzate per installazione singola in linea, ma solo su sottobase.
These valves cannot be installed in-line stand alone, but only on sub-base.

	G1/8"	G1/4"
A	43.75	54
B	18	22
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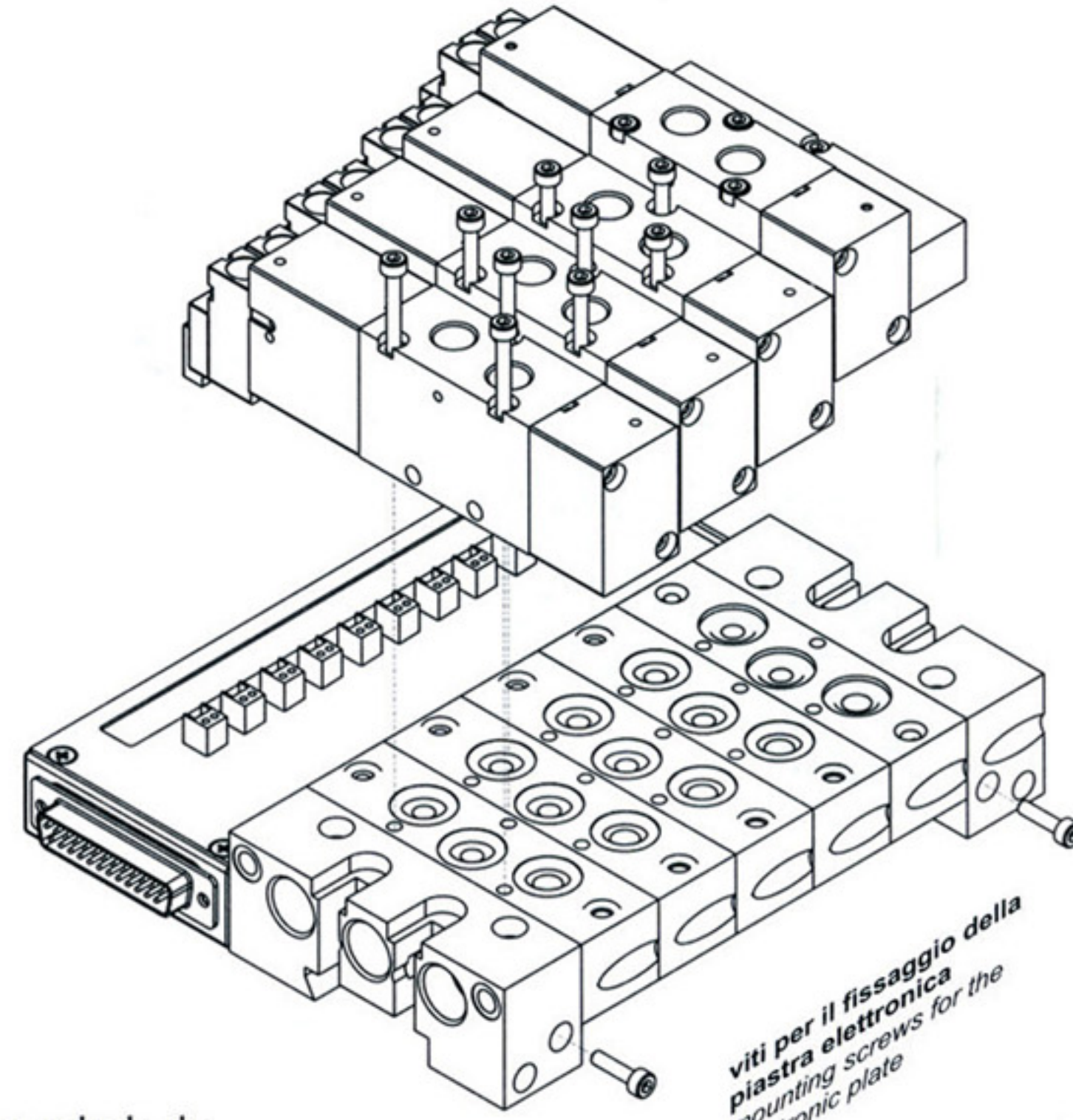
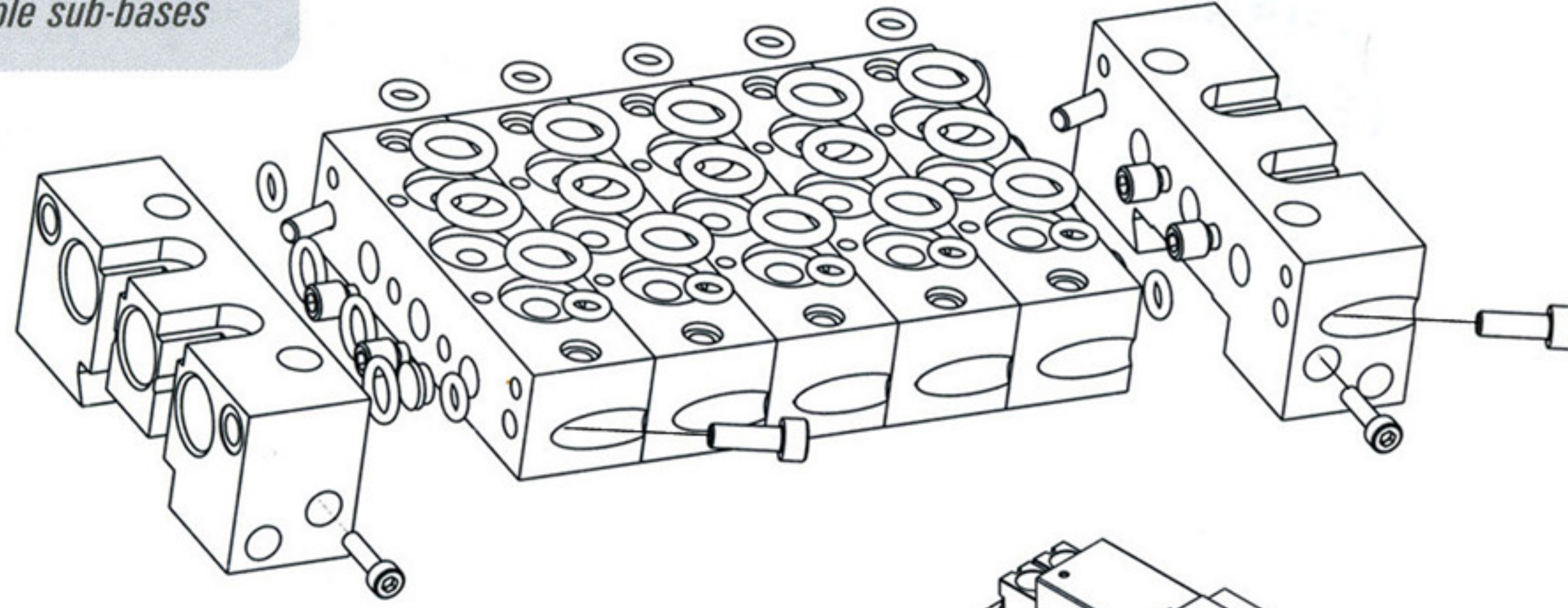
installazione delle valvole valves installation

basi modulari multiple sub-bases

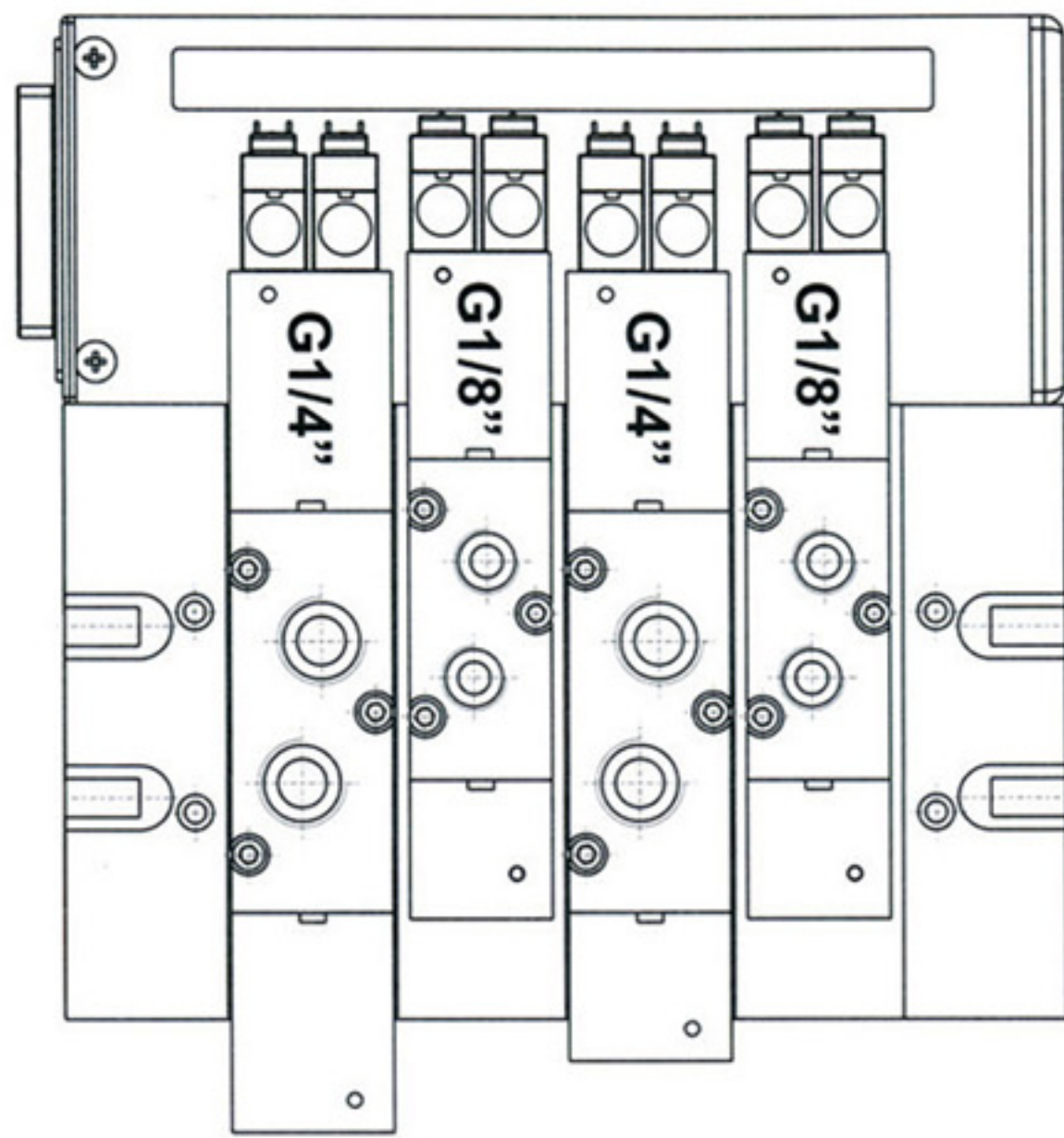


riduzione G1/4"-G1/8"
G1/4"-G1/8" reduction

M5
alimentazione separata
separate air supply for solenoid



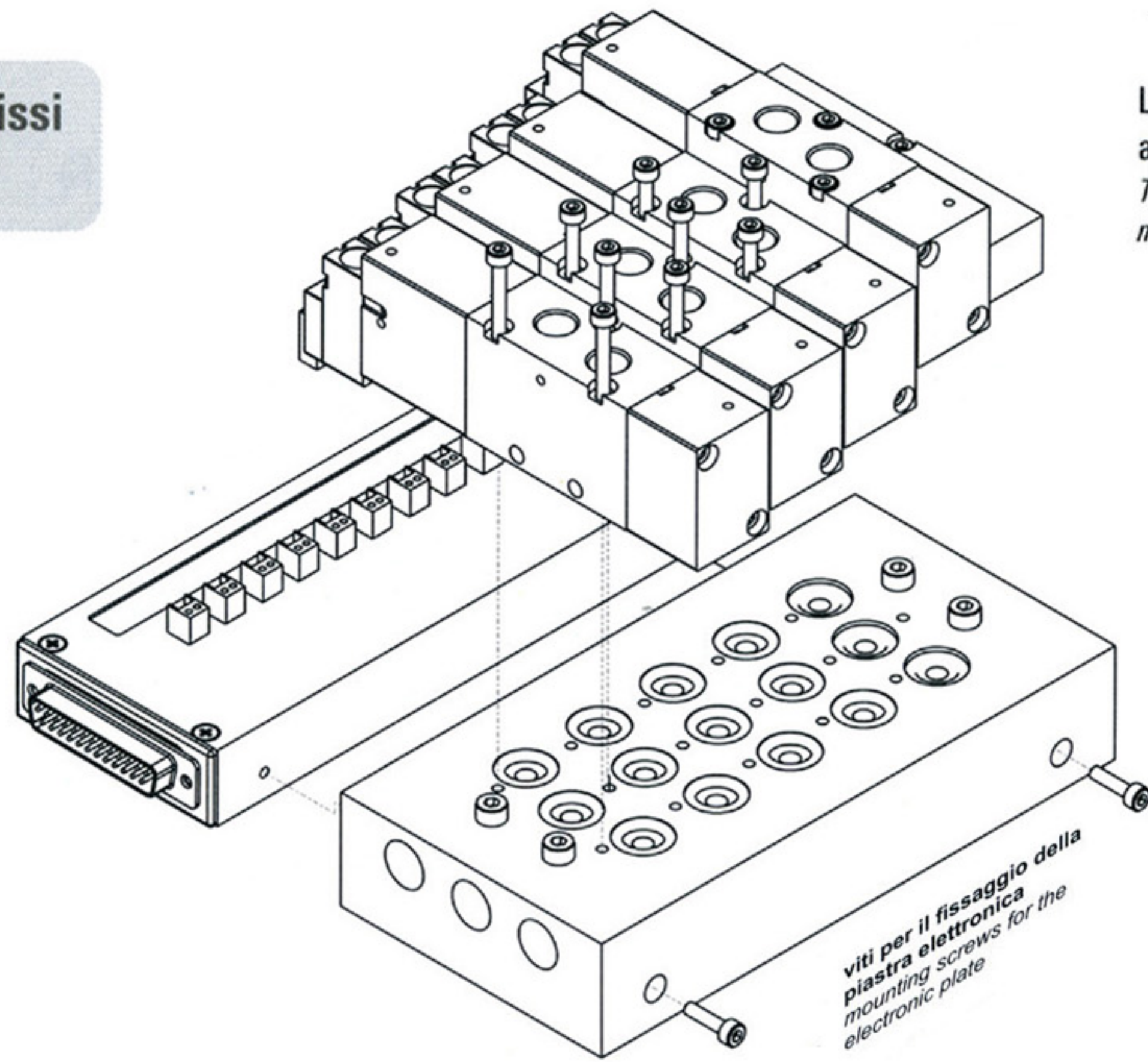
viti per il fissaggio della
piastra elettronica
mounting screws for the
electronic plate



Gli ingombri esterni della multiconnessione ibrida (con valvole da 1/8" e da 1/4") sono identici alla multiconnessione da 1/4". In una multiconnessione ibrida solo le valvole da 1/4" possono avere l'alimentazione separata per l'elettropilota.

The external overall dimensions of a hybrid multiconnection are the same of a 1/4" multiconnection. In a hybrid multiconnection, only 1/4" valves can have separate air supply for the solenoid.

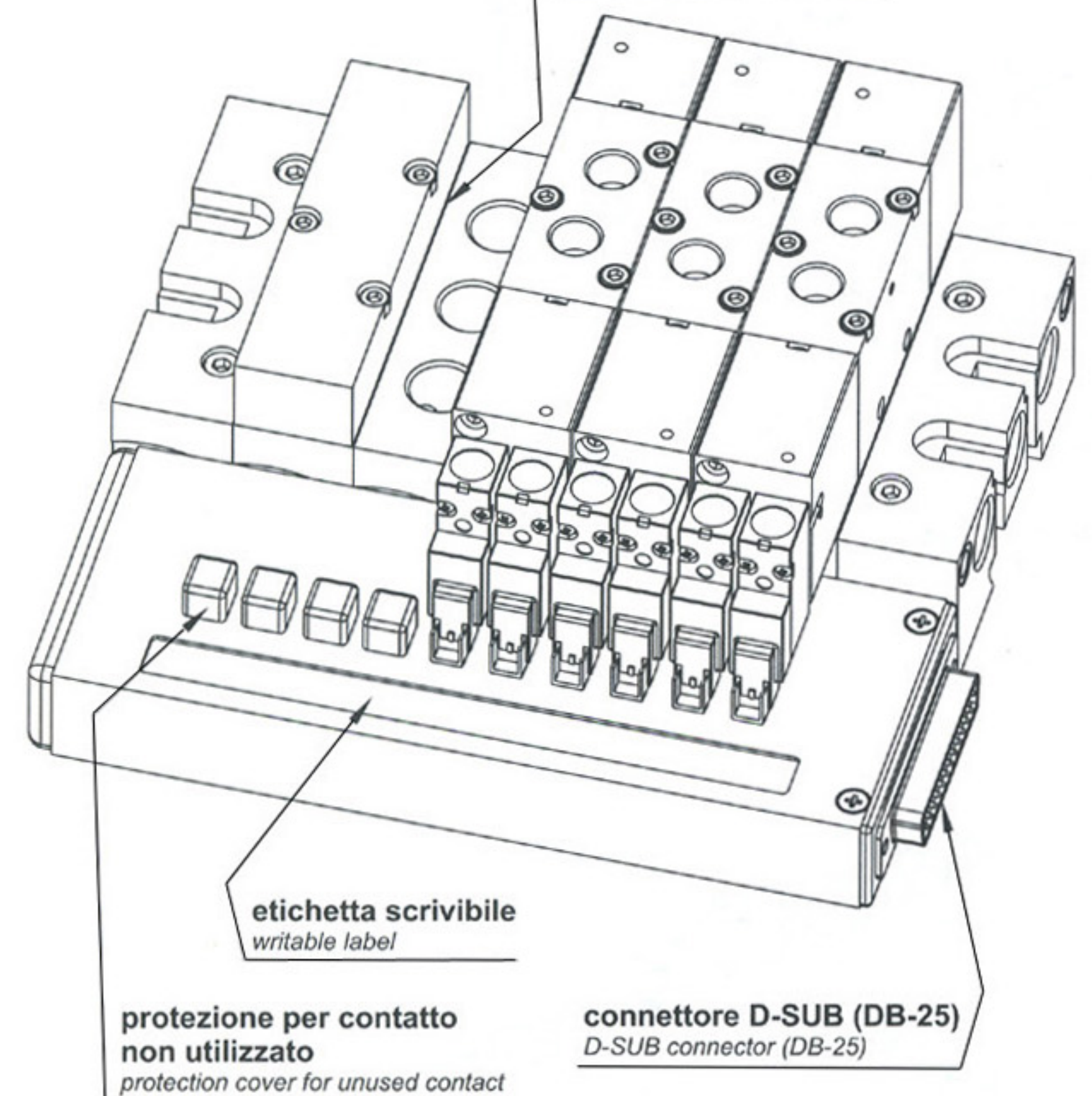
basi a posti fissi fixed manifolds



viti per il fissaggio della
piastra elettronica
mounting screws for the
electronic plate

La base a posti fissi non consente l'installazione di valvole con alimentazione separata.
The installation of valves with separate air supply is not possible on fixed manifolds.

diaframma interno
per separare scarichi
e alimentazione
internal diaphragm to divide
air supply and exhaust



etichetta scrivibile
writable label

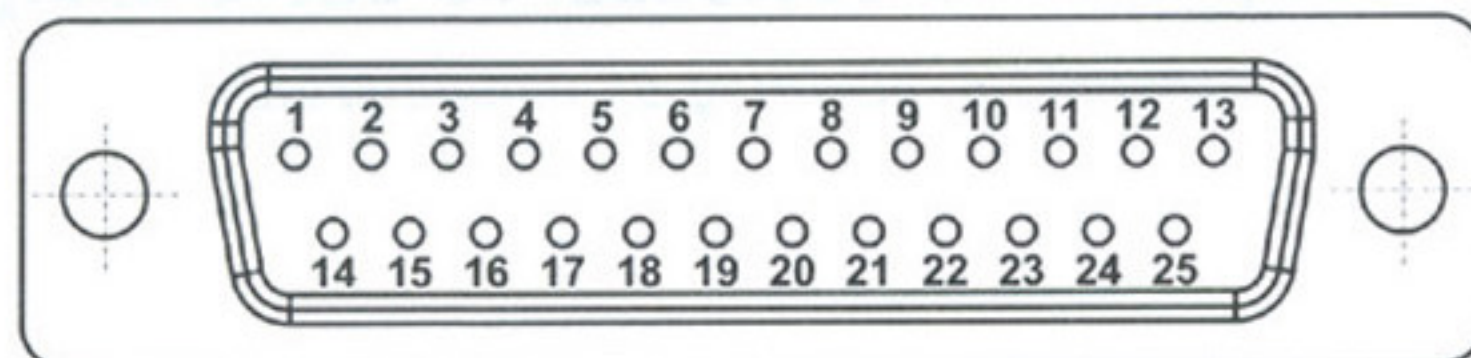
protezione per contatto
non utilizzato
protection cover for unused contact

connettore D-SUB (DB-25)
D-SUB connector (DB-25)

connettore D-SUB (DB-25) connector D-SUB (DB-25)

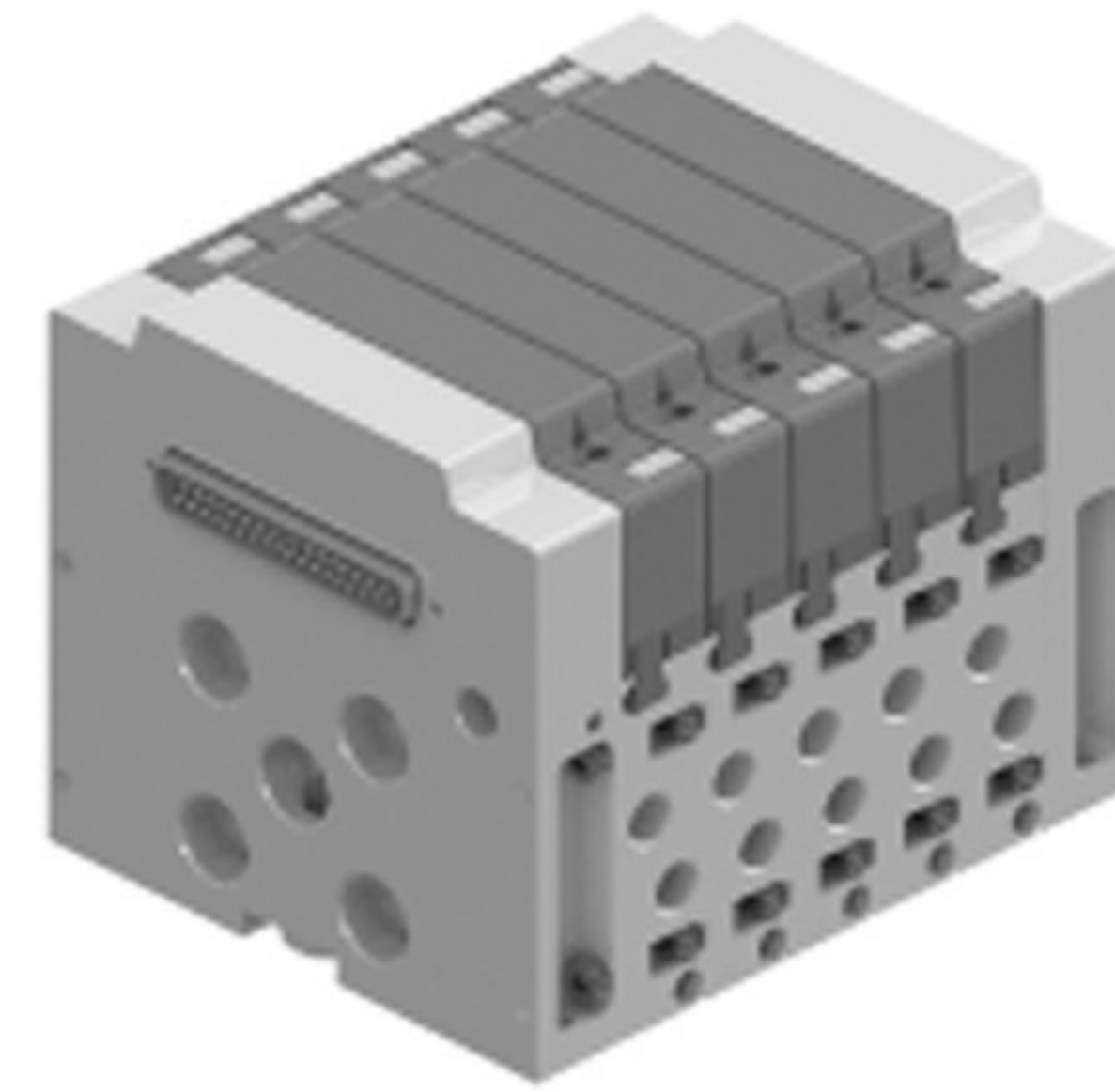
1-24 segnali per elettropiloti
signals for solenoid valves

25 comune (-)
common (-)



SERIE DINAMAX

CARATTERISTICHE TECNICHE	
ATTACCHI	INGRESSO G 3/8
PRESSIONE DI ESERCIZIO	2-10 BAR
PRESSIONE SERVOPILOTATA	-0.9-10 BAR
PORTATA	550 NI/minuto
TEMPERATURA DI ESERCIZIO	0° + 60°
FLUIDO	ARIA FILTRATA 50 µ
PROTEZIONE ELETTRICA	IP54
TENSIONE	24 VDC
POTENZA	1 WATT



DIMENSIONI

