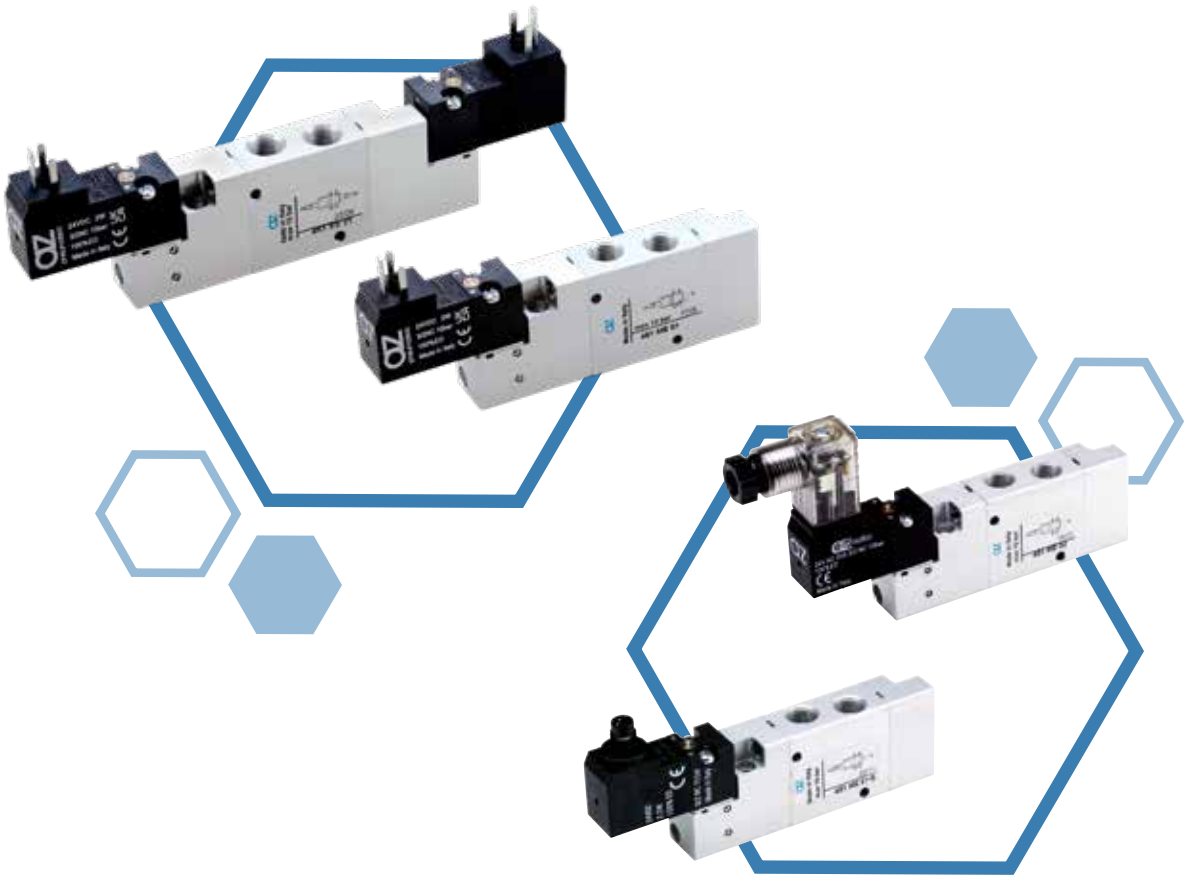
pneumatica

agility in automation

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm



Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

- Valvole a spola 5/2 con attacchi filettati M5 o G1/8"
  5/2 spool valves with M5 or G1/8" threaded ports
- Comandi elettrici 15 mm con azionamento manuale
  Solenoid pilots 15 mm with manual override
- Entrata e uscite: M5 o G1/8"; scarichi: M5
  Air supply and exit ports: M5 or G1/8"; exhaust ports: M5
- Sottobasi modulari e sottobasi a posti fissi
  Multiple sub-bases and manifolds
- Multiconnessione plug-in compatta
  Compact plug-in multiconnection



Materiali

Corpo: alluminio EN AW - 2033 anodizzato
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

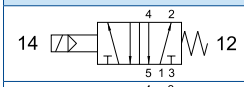
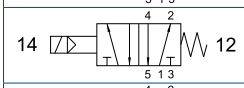
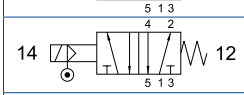
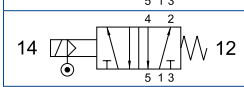
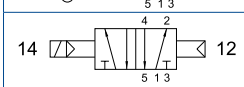
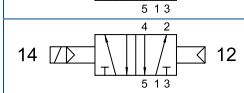
Materials

Body: EN AW-2033 anodised aluminium
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

Diametro nominale *Nominal orifice*		4 mm	
Portata nominale a 6 bar, Dp 1 bar *Nominal flow rate at 6 bar, Dp 1 bar*		M5: 320 Nl/min G1/8": 350 Nl/min	
Temperatura di esercizio *Temperature range*		-25 ... +60°C	
Pressione di esercizio *Working pressure*	al. interna monost. *[monost. internal air supply]*	al. interna bist. *[bi-stable internal air supply]*	alim. separata *[separate air supply]*
	2.5 ... 10 bar	2.5 ... 10 bar	-0.9 ... 10 bar
Pressione di azionamento (per alimentazione separata) *Actuating pressure (for separate air supply)*		monostabile *[mono-stable]* 2.5 ... 10 bar	bistabile *[bi-stable]* 2.5 ... 10 bar
Fluido *Fluid*		Aria filtrata 5µ con o senza lubrificazione *5µ filtered, lubricated or non lubricated air*	

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

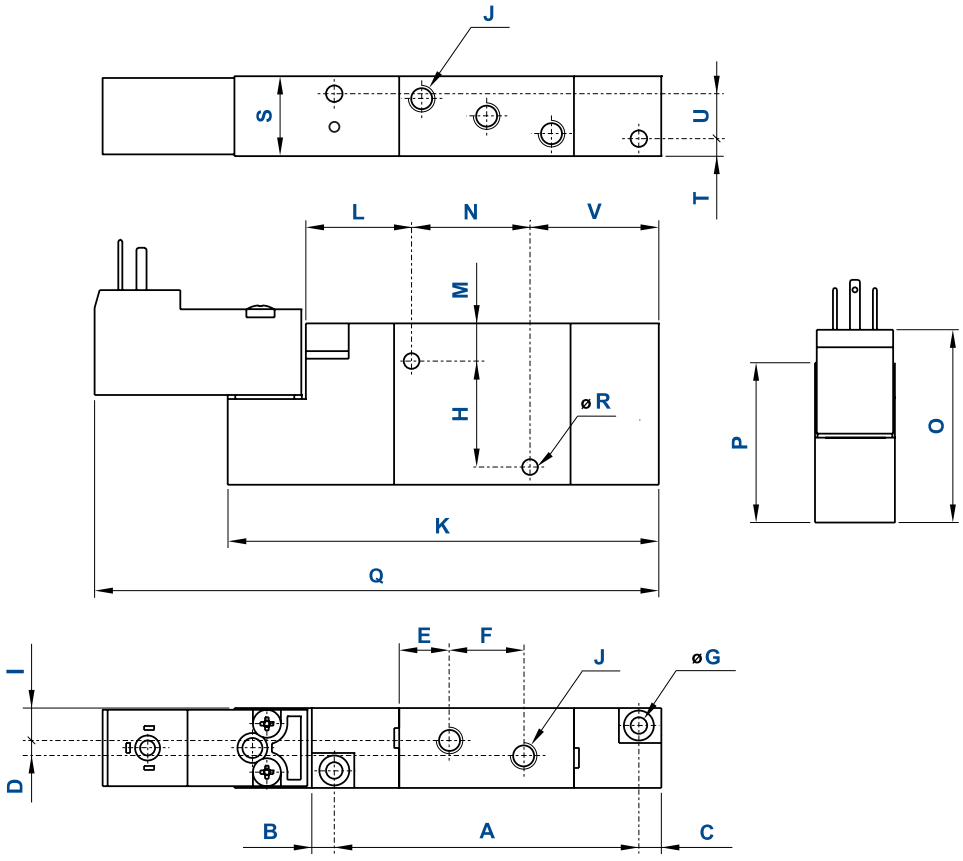
SIMBOLO PNEUMATICO *pneumatic symbol*	**FILETTI** *threads*	**SIGLA** *part number*	**CODICE DI ORDINAZIONE** *order code*	**DESCRIZIONE** *description*
	M5	**455 ME 01**	**05.255.4**	5/2 M5 comando elettrico - ritorno a molla *5/2 M5 solenoid pilot - spring return*
	M5	**455 ME 02**	**05.256.4**	5/2 M5 comando elettrico - ritorno a molla *5/2 M5 solenoid pilot - spring return*
	M5	**455 ME AS 01**	**05.257.4**	5/2 M5 comando elettrico alimentazione separata - ritorno a molla *5/2 M5 solenoid pilot with separate air supply - spring return*
	M5	**455 ME AS 02**	**05.258.4**	5/2 M5 comando elettrico alimentazione separata - ritorno a molla *5/2 M5 solenoid pilot with separate air supply - spring return*
	M5	**455 CE 01**	**05.263.4**	5/2 M5 comando elettrico - ritorno a comando pneumatico *5/2 M5 solenoid pilot - separate pneumatically piloted returnn*
	M5	**455 CE 02**	**05.264.4**	5/2 M5 comando elettrico - ritorno a comando pneumatico *5/2 M5 solenoid pilot - separate pneumatically piloted returnn*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

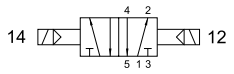
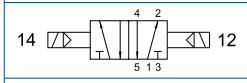
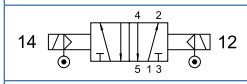
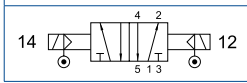
The separate air supply works only if the valve is mounted on modular sub-base (see page 17).



DIMENSIONI *dimensions*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
455 ME 01 - 455 ME 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	111.9	ø 3.1	16	3.5	9	26.5	-	-	-	-
455 ME AS 01 - 455 ME AS 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	111.9	ø 3.1	16	3.5	9	26.5	-	-	-	-
455 CE 01 - 455 CE 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	111.9	ø 3.1	16	3.5	9	26.5	-	-	-	-

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

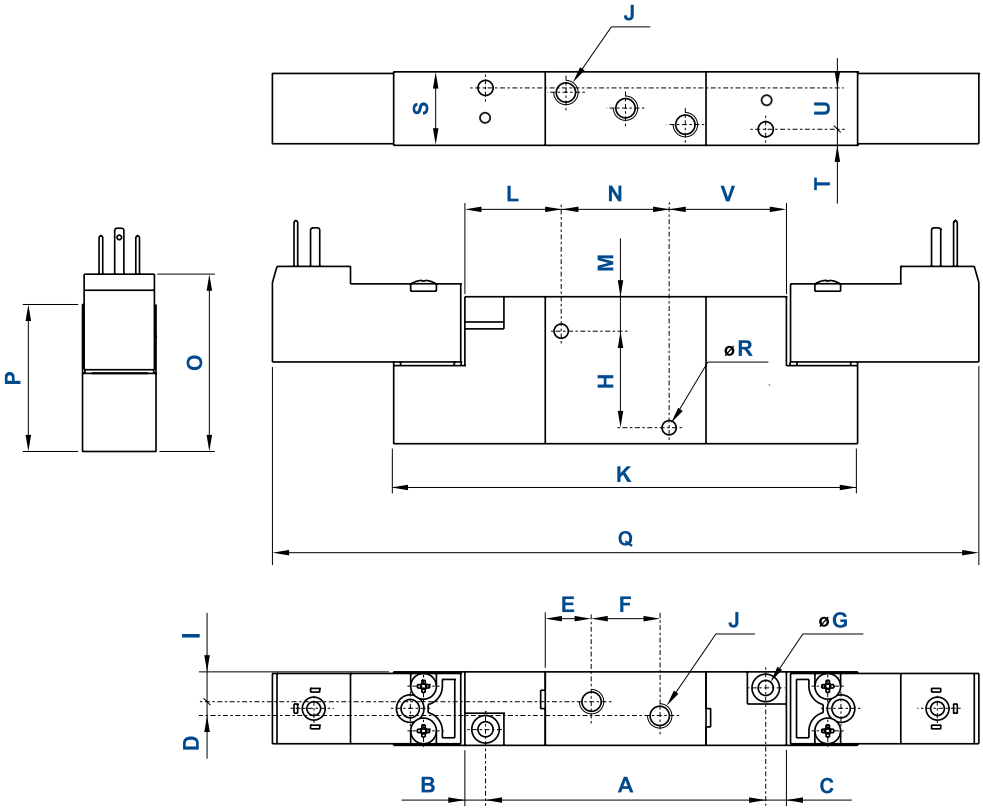
SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	M5	**455 EE 01**	**05.259.4**	*5/2 M5 doppio comando elettrico* 5/2 M5 double solenoid pilot
	M5	**455 EE 02**	**05.260.4**	*5/2 M5 doppio comando elettrico* 5/2 M5 double solenoid pilot
	M5	**455 EE AS 01**	**05.261.4**	5/2 M5 doppio comando elettrico alimentazione separata *5/2 M5 double solenoid pilot with separate air supply*
	M5	**455 EE AS 02**	**05.262.4**	5/2 M5 doppio comando elettrico alimentazione separata *5/2 M5 double solenoid pilot with separate air supply*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

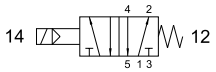
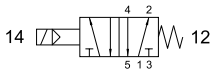
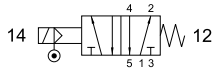
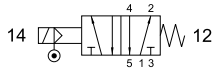
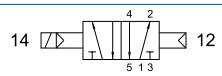
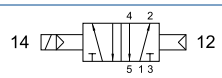
The separate air supply works only if the valve is mounted on modular sub-base (see page 17).



DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
455 EE 01 - 455 EE 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	155.8	ø3.1	16	3.5	9	26.5	-	-	-	-
455 EE AS 01 - 455 EE AS 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	155.8	ø3.1	16	3.5	9	26.5	-	-	-	-

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

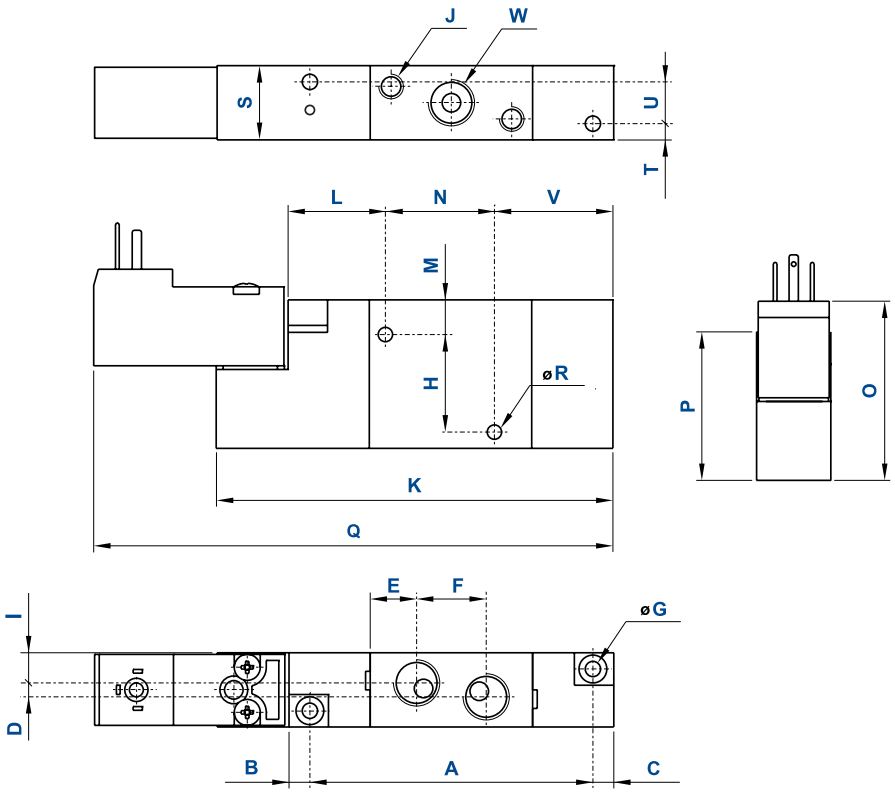
SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	G1/8"	**451 ME 01**	**05.238.4**	5/2 1/8" comando elettrico - ritorno a molla *5/2 1/8" solenoid pilot - spring return*
	G1/8"	**451 ME 02**	**05.239.4**	5/2 1/8" comando elettrico - ritorno a molla *5/2 1/8" solenoid pilot - spring return*
	G1/8"	**451 ME AS 01**	**05.240.4**	5/2 1/8" comando elettrico alimentazione separata - ritorno a molla *5/2 1/8" solenoid pilot with separate air supply - spring return*
	G1/8"	**451 ME AS 02**	**05.241.4**	5/2 1/8" comando elettrico alimentazione separata - ritorno a molla *5/2 1/8" solenoid pilot with separate air supply - spring return*
	G1/8"	**451 CE 01**	**05.246.4**	5/2 1/8" comando elettrico - ritorno a comando pneumatico *5/2 1/8" solenoid pilot - separate pneumatically piloted return*
	G1/8"	**451 CE 02**	**05.247.4**	5/2 1/8" comando elettrico - ritorno a comando pneumatico *5/2 1/8" solenoid pilot - separate pneumatically piloted return*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

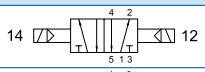
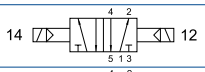
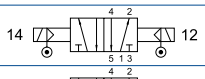
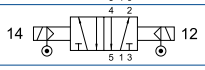
The separate air supply works only if the valve is mounted on modular sub-base (see page 17).



DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
451 ME 01 - 451 ME 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	112	ø 3.1	16	3.5	9	25.5	G1/8	-	-	-
451 ME AS 01 - 451 ME AS 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	112	ø 3.1	16	3.5	9	25.5	G1/8	-	-	-
451 CE 01 - 451 CE 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	41	32	112	ø 3.1	16	3.5	9	25.5	G1/8	-	-	-

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

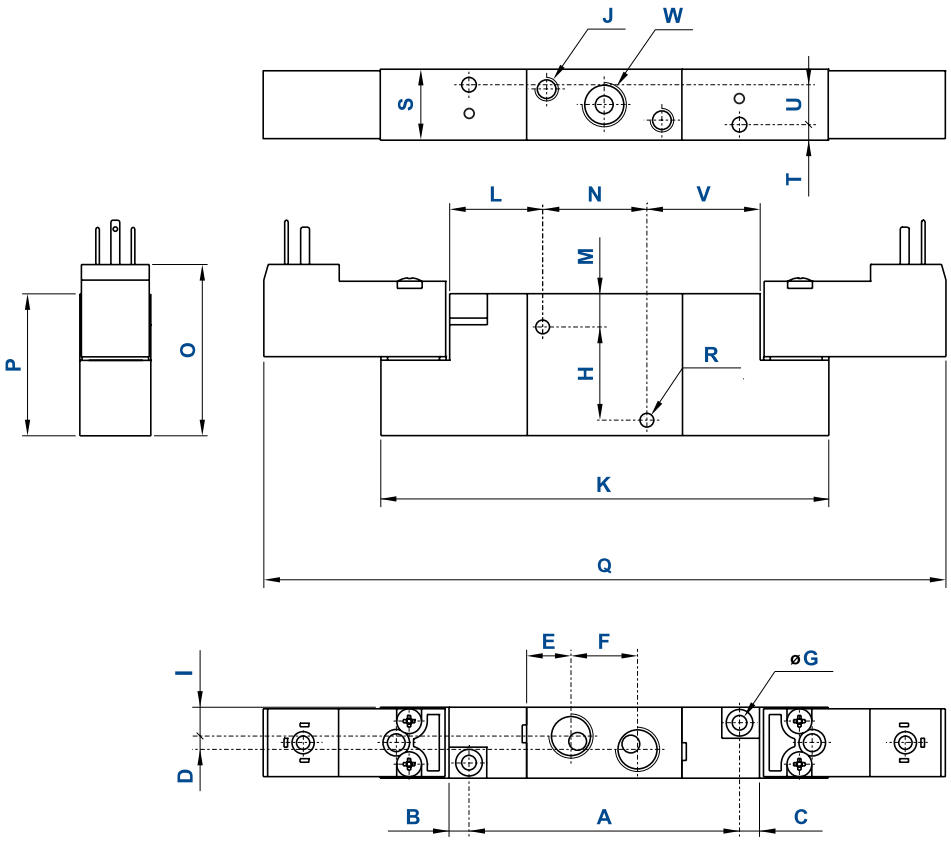
SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	G1/8"	**451 EE 01**	**05.242.4**	5/2 1/8" doppio comando elettrico *5/2 1/8" double solenoid pilot*
	G1/8"	**451 EE 02**	**05.243.4**	5/2 1/8" doppio comando elettrico *5/2 1/8" double solenoid pilot*
	G1/8"	**451 EE AS 01**	**05.244.4**	5/2 1/8" doppio comando elettrico alimentazione separata *5/2 1/8" double solenoid pilot with separate air supply*
	G1/8"	**451 EE AS 02**	**05.245.4**	5/2 1/8" doppio comando elettrico alimentazione separata *5/2 1/8" double solenoid pilot with separate air supply*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

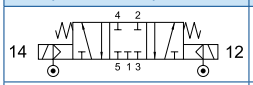
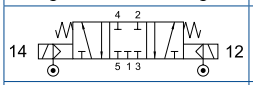
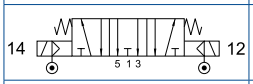
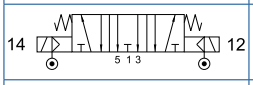
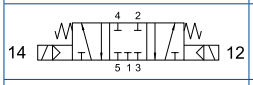
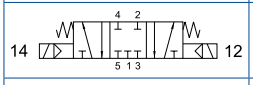
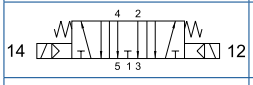
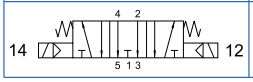
The separate air supply works only if the valve is mounted on modular sub-base (see page 17).



DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
451 EE 01 - 451 EE 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	156	ø3.1	16	3.5	9	26.5	G1/8"	-	-	-
451 EE AS 01 - 451 EE AS 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	156	ø3.1	16	3.5	9	26.5	G1/8"	-	-	-

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

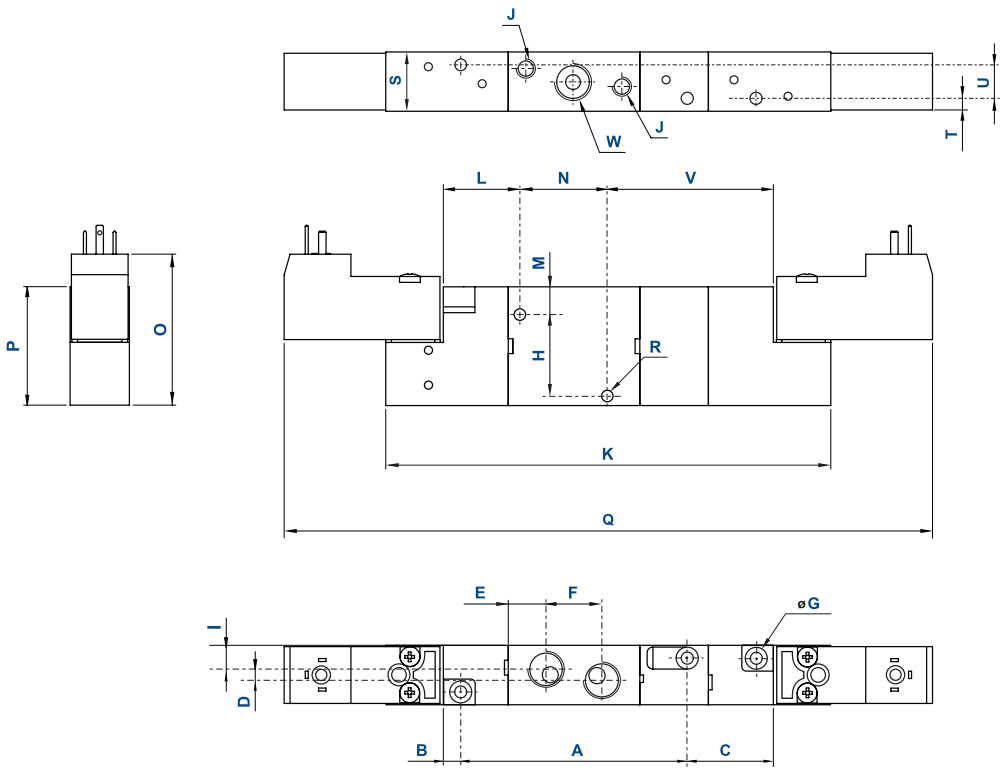
SIMBOLO PNEUMATICO *pneumatic symbol*	**FILETTI** *threads*	**SIGLA** *part number*	**CODICE DI ORDINAZIONE** *order code*	**DESCRIZIONE** *description*
	G1/8"	**4513C EE AS MIC 01**	**05.284.4**	5/3 1/8" doppio comando elettrico alimentazione separata -CENTRI CHIUSI *5/3 1/8" double solenoid pilot with separate air supply - CLOSED CENTRES*
	G1/8"	**4513C EE AS MIC 02**	**05.285.4**	5/3 1/8" doppio comando elettrico alimentazione separata -CENTRI CHIUSI *5/3 1/8" double solenoid pilot with separate air supply - CLOSED CENTRES*
	G1/8"	**4513A EE AS MIC 01**	**05.282.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI APERTI *5/3 1/8" double solenoid pilot with separate air supply - OPEN CENTRES*
	G1/8"	**4513A EE AS MIC 02**	**05.283.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI APERTI *5/3 1/8" double solenoid pilot with separate air supply - OPEN CENTRES*
	G1/8"	**4513C EE MIC 01**	**05.288.4**	5/3 1/8" doppio comando elettrico - CENTRI CHIUSI *5/3 1/8" double solenoid pilot - CLOSED CENTRES*
	G1/8"	**4513C EE MIC 02**	**05.289.4**	5/3 1/8" doppio comando elettrico - CENTRI CHIUSI *5/3 1/8" double solenoid pilot - CLOSED CENTRES*
	G1/8"	**4513A EE MIC 01**	**05.286.4**	5/3 1/8" doppio comando elettrico - CENTRI APERTI *5/3 1/8" double solenoid pilot - OPEN CENTRES*
	G1/8"	**4513A EE MIC 01**	**05.287.4**	5/3 1/8" doppio comando elettrico - CENTRI APERTI *5/3 1/8" double solenoid pilot - OPEN CENTRES*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

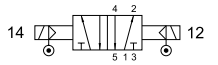
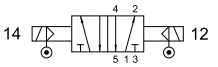
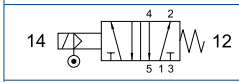
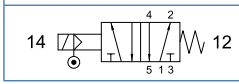
The separate air supply works only if the valve is mounted on modular sub-base (see page 17).



DIMENSIONI *dimensions*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
4513C EE AS MIC 01	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513C EE AS MIC 02	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE AS MIC 01	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE AS MIC 02	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513C EE MIC 01	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513C EE MIC 02	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE MIC 01	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE MIC 01	61	5	23.2	3	10	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-

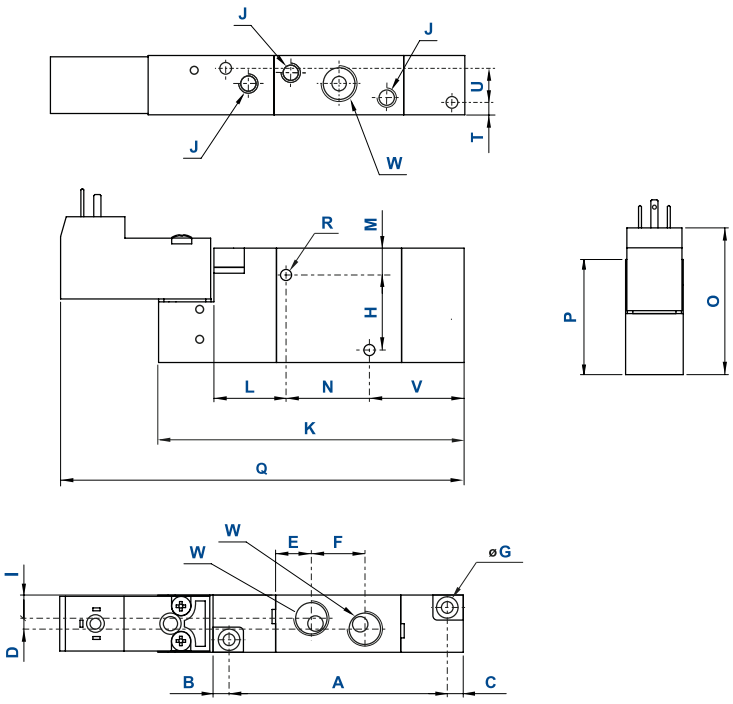
Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

SIMBOLO PNEUMATICO *pneumatic symbol*	**FILETTI** *threads*	**SIGLA** *part number*	**CODICE DI ORDINAZIONE** *order code*	**DESCRIZIONE** *description*
	G1/8"	**451 EE AS M5 MIC 01**	**05.275.4**	5/2 1/8" doppio comando elettrico alimentazione separata *5/2 1/8" double solenoid pilot with separate air supply*
	G1/8"	**451 EE AS M5 MIC 02**	**05.276.4**	5/2 1/8" doppio comando elettrico alimentazione separata *5/2 1/8" double solenoid pilot with separate air supply*
	G1/8"	**451 ME AS M5 MIC 01**	**05.270.4**	5/2 1/8" comando elettrico alimentazione separata - ritorno a molla *5/2 1/8" solenoid pilot with separate air supply - spring return*
	G1/8"	**451 ME AS M5 MIC 02**	**05.294.4**	5/2 1/8" comando elettrico alimentazione separata - ritorno a molla *5/2 1/8" solenoid pilot with separate air supply - spring return*

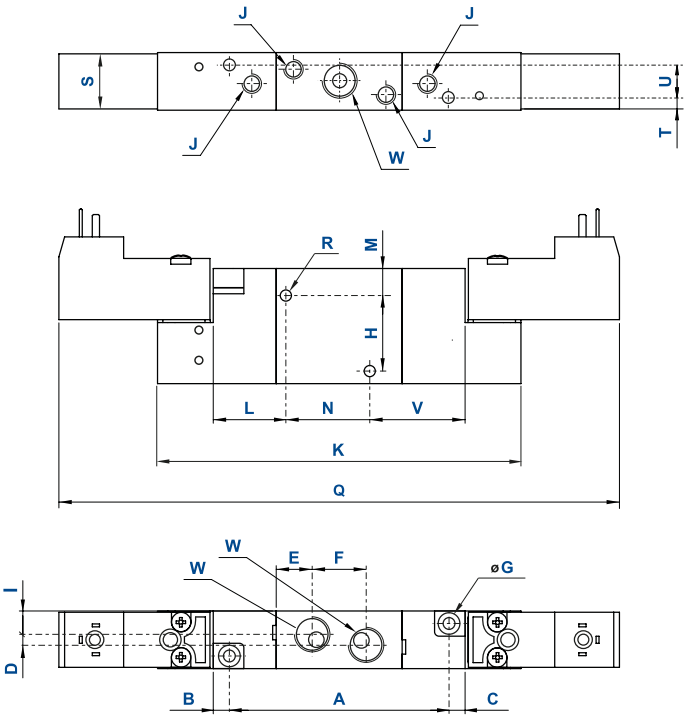
Versione 5/2 monostabile

5/2 mono-stable version



Versione 5/2 bistabile

5/2 bi-stable version



Indicazione della tensione

Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

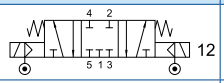
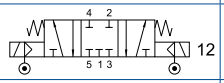
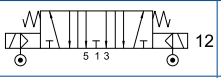
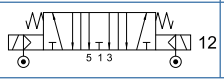
Versione alimentazione separata, montaggio singolo non in sottobase con filetti da M5.

Single mounting version, not for sub-base mounting, with M5 threaded ports.

DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
451 ME AS M5 MIC 01	61	4.5	3.5	3	10	15	ø3.3	21	6.5	M5	85.5	20	7.5	23.5	41	32	112	ø3.1	16	3.5	9	25.5	G1/8"	-	-	-
451 ME AS M5 MIC 02	61	4.5	3.5	3	10	15	ø3.3	21	6.5	M5	85.5	20	7.5	23.5	41	32	112	ø3.1	16	3.5	9	25.5	G1/8"	-	-	-
451 EE AS M5 MIC 01	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	156	ø3.1	16	3.5	9	26.5	G1/8"	-	-	-
451 EE AS M5 MIC 02	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	101	20	7.5	23.5	41	32	156	ø3.1	16	3.5	9	26.5	G1/8"	-	-	-

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

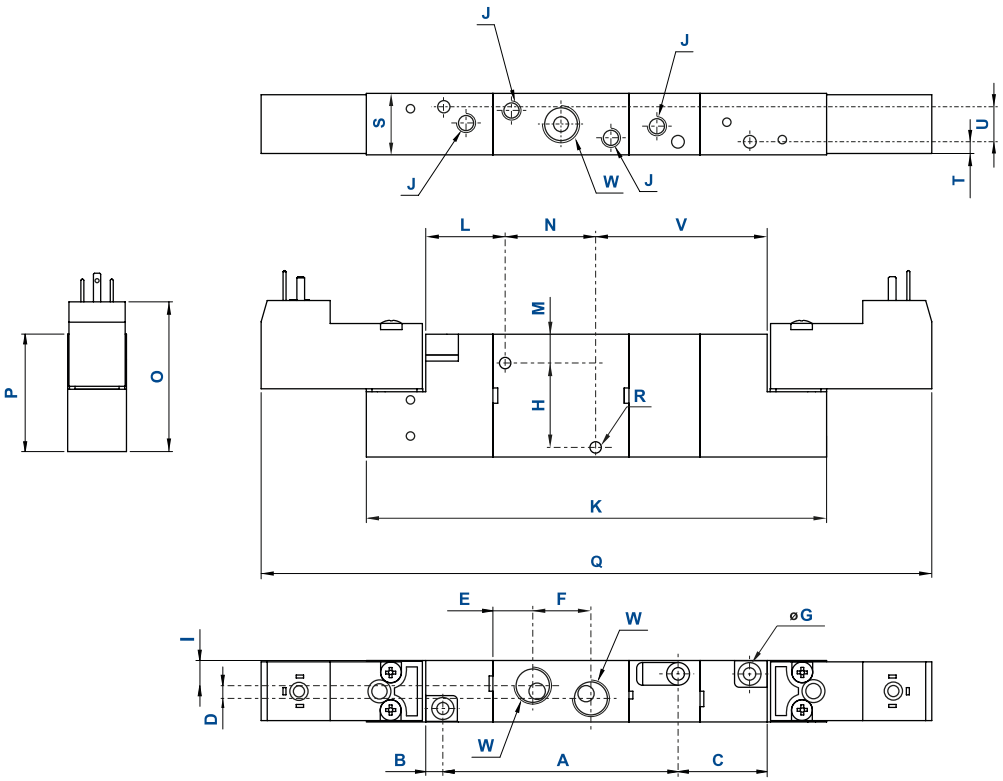
SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	G1/8"	**4513C EE AS M5 MIC 01**	**05.280.4**	5/3 1/8" doppio comando elettrico alimentazione separata -CENTRI CHIUSI *5/3 1/8" double solenoid pilot with separate air supply - CLOSED CENTRES*
	G1/8"	**4513C EE AS M5 MIC 02**	**05.281.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI CHIUSI *5/3 1/8" double solenoid pilot with separate air supply - CLOSED CENTRES*
	G1/8"	**4513A EE AS M5 MIC 01**	**05.278.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI APERTI *5/3 1/8" double solenoid pilot with separate air supply - OPEN CENTRES*
	G1/8"	**4513A EE AS M5 MIC 02**	**05.279.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI APERTI *5/3 1/8" double solenoid pilot with separate air supply - OPEN CENTRES*

Indicazione della tensione
Voltage indication

24V DC	**01**
24V 50/60Hz	**02**

Versione alimentazione separata, montaggio singolo non in sottobase con filetti da M5.

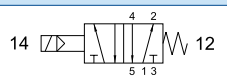
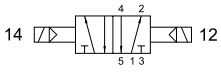
Single mounting version, not for sub-base mounting, with M5 threaded ports.



DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
4513C EE AS M5 MIC 01	61	5	23.2	3	10.2	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513C EE AS M5 MIC 02	61	5	23.2	3	10.2	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE AS M5 MIC 01	61	5	23.2	3	10.2	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-
4513A EE AS M5 MIC 02	61	5	23.2	3	10.2	15	ø3.3	22	6.5	M5	120	21	7.5	23.5	41	32	175	ø3.1	16	3.5	9	45	G1/8"	-	-	-

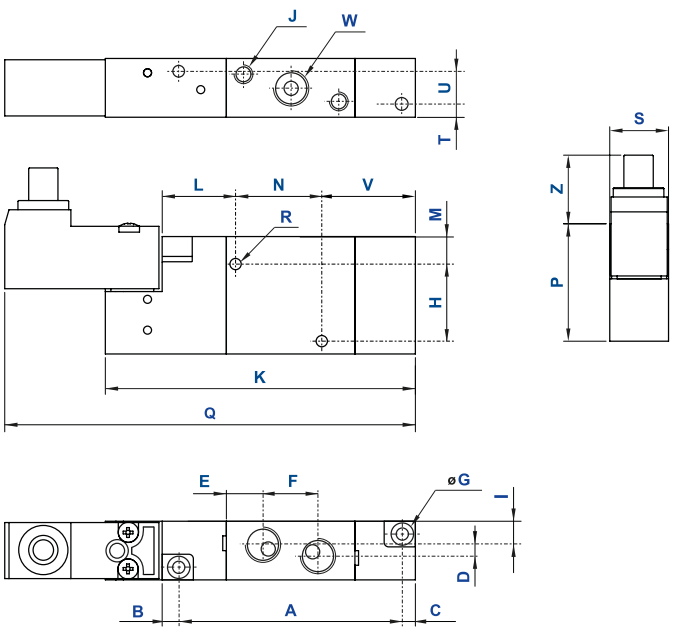
Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

SIMBOLO PNEUMATICO *pneumatic symbol*	**FILETTI** *threads*	**SIGLA** *part number*	**CODICE DI ORDINAZIONE** *order code*	**DESCRIZIONE** *description*
	G1/8"	**451 ME 01 M8**	**05.269.4**	5/2 1/8" comando elettrico - ritorno a molla *5/2 1/8" solenoid pilot - spring return*
	G1/8"	**451 EE 01 M8**	**05.273.4**	5/2 1/8" doppio comando elettrico *5/2 1/8" double solenoid pilot*

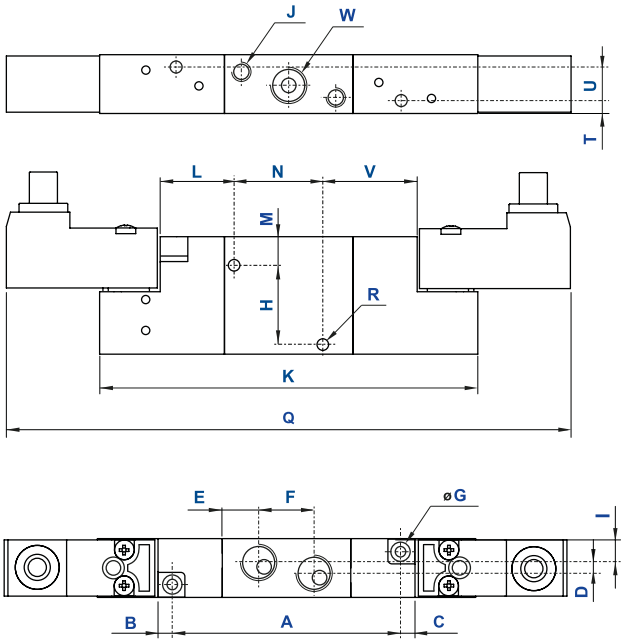
Versione 5/2 monostabile

5/2 mono-stable version



Versione 5/2 bistabile

5/2 bi-stable version



DIMENSIONI *dimensions*	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**I**	**J**	**K**	**L**	**M**	**N**	**O**	**P**	**Q**	**R**	**S**	**T**	**U**	**V**	**W**	**X**	**Y**	**Z**
451 ME 01 M8	61	4.5	3.5	3	10	15	ø3.3	21	6.5	M5	84.5	20	7.5	23.5	-	32	112	ø3.1	16	3.5	9	25.5	G1/8"	-	-	19
451 EE 18	61	4.5	4.5	3	10	15	ø3.3	21	6.5	M5	103	20	7.5	23.5	-	32	154	ø3.1	16	3.5	9	26.5	G1/8"	-	-	19

Multiconnessione plug-in compatta

compact plug-in multiconnection

- 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 EN AW - 2033 anodizzato
Molle: INOX
Guarnizioni: NBR
Spola: alluminio nichelato
Parti interne: ottone OT58

Materials
Body: EN AW-2033 anodised aluminium
Springs: stainless steel
Seals: NBR
Spool: nickel plated aluminium
Internal parts: brass OT58

Chiave di codifica

Key to codes

07.	Y	3	1.	XXX...XXXX

famiglia
product family

tipo di modulrità
type of modularity

specifica 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

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.

Specifica di ogni posizione *[specification of each position]*

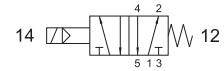
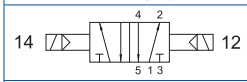
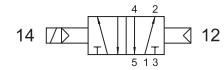
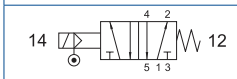
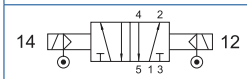
RISPETTARE MAIUSCOLE E MINUSCOLE - *CASE SENSITIVE*

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]*

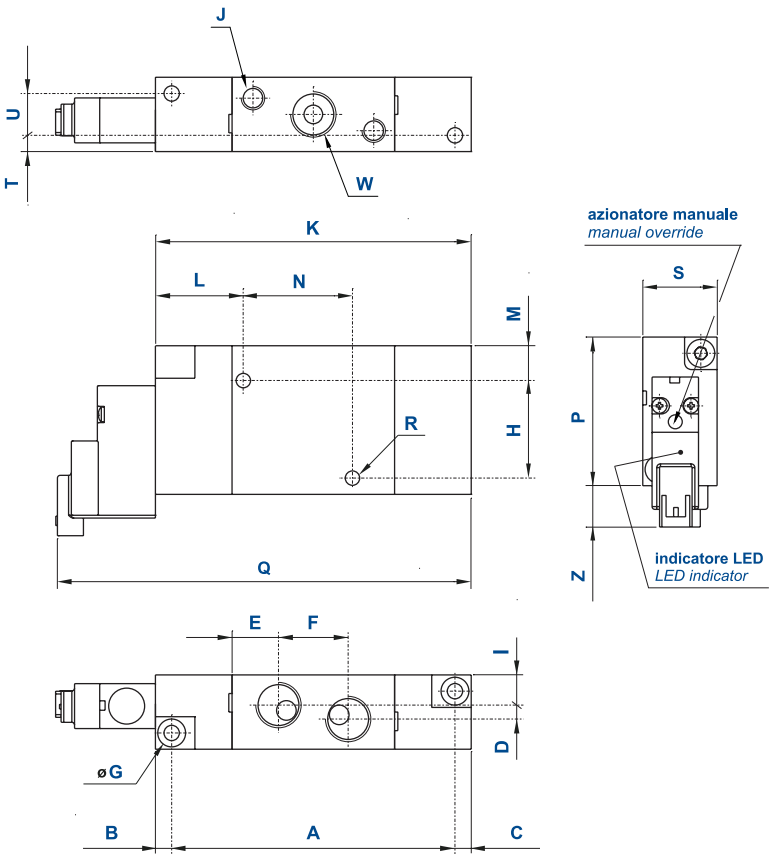
Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	G1/8"	**451P ME**	**07.050.3**	5/2 1/8" comando elettrico - ritorno a molla *5/2 1/8" solenoid pilot - spring return*
	G1/8"	**451P EE**	**07.051.3**	5/2 1/8" doppio comando elettrico *5/2 1/8" double solenoid pilot*
	G1/8"	**451P CE**	**07.054.3**	5/2 1/8" comando elettrico - ritorno a comando pneumatico *5/2 1/8" solenoid pilot - separate pneumatically piloted return*
	G1/8"	**451P ME AS**	**07.052.3**	5/2 1/8" comando elettrico alimentazione separata - ritorno a molla *5/2 1/8" solenoid pilot with separate air supply - spring return*
	G1/8"	**451P ME AS**	**07.053.3**	5/2 1/8" doppio comando elettrico alimentazione separata *5/2 1/8" double solenoid pilot with separate air supply*

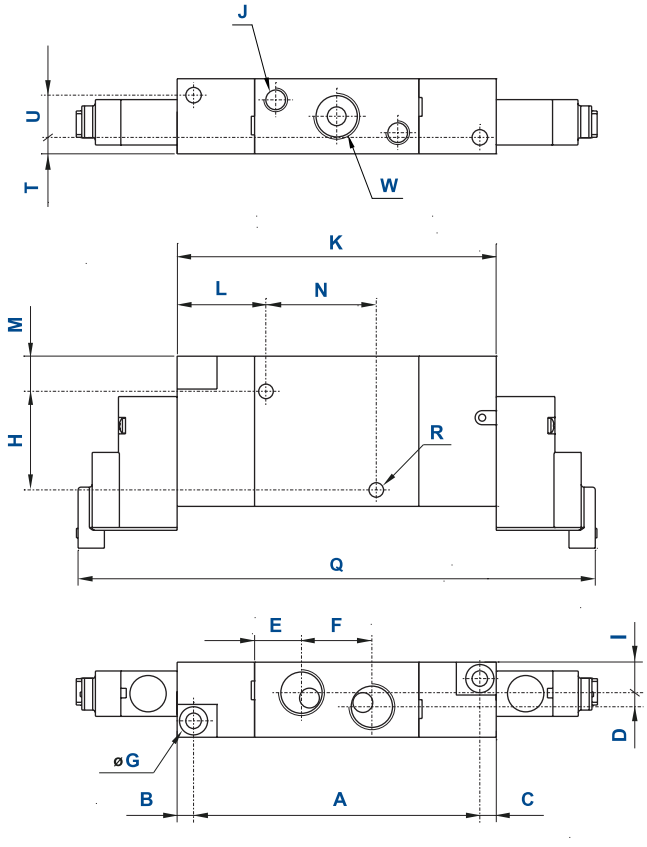
Versione 5/2 monostabile

5/2 mono-stable version



Versione 5/2 bistabile

5/2 bi-stable version



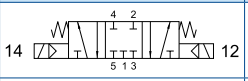
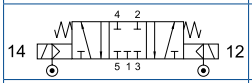
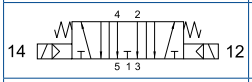
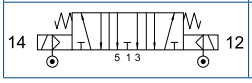
451P CE - 451P ME AS - 451P EE AS

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.

DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
451P ME	61	3.5	3.5	3	10	15	ø3.3	21	6.5	M5	68	19	7.5	23.5	-	32	89.1	ø3.1	16	3.5	9	-	G1/8"	-	-	8.9
451P EE	61	3.5	3.5	3	10	15	ø3.3	21	6.5	M5	68	19	7.5	23.5	-	32	110.2	ø3.1	16	3.5	9	-	G1/8"	-	-	8.9
451P CE	61	3.5	3.5	3	10	15	ø3.3	21	6.5	M5	68	19	7.5	23.5	-	32	89.1	ø3.1	16	3.5	9	-	G1/8"	-	-	8.9
451P ME AS	61	3.5	3.5	3	10	15	ø3.3	21	6.5	M5	68	19	7.5	23.5	-	32	89.1	ø3.1	16	3.5	9	-	G1/8"	-	-	8.9
451P EE AS	61	3.5	3.5	3	10	15	ø3.3	21	6.5	M5	68	19	7.5	23.5		32	110.2	ø3.1	16	3.5	9	-	G1/8"	-	-	8.9

Valvole 16 mm ad azion. elettropneumatico

Solenoid actuated valves - 16 mm

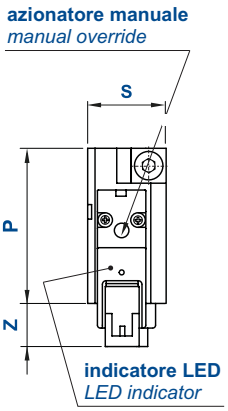
SIMBOLO PNEUMATICO *pneumatic symbol*	FILETTI *threads*	SIGLA *part number*	CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
	G1/8"	**4513C EE**	**05.291.4**	5/3 1/8" doppio comando elettrico - CENTRI CHIUSI *5/3 1/8" double solenoid pilot - CLOSED CENTRES*
	G1/8"	**4513C EE AS**	**05.293.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI CHIUSI *5/3 1/8" double solenoid pilot with separate air supply - CLOSED CENTRES*
	G1/8"	**4513A EE**	**05.290.4**	5/3 1/8" doppio comando elettrico - CENTRI APERTI *5/3 1/8" double solenoid pilot - OPEN CENTRES*
	G1/8"	**4513A EE AS**	**05.292.4**	5/3 1/8" doppio comando elettrico alimentazione separata - CENTRI APERTI *5/3 1/8" double solenoid pilot with separate air supply - OPEN CENTRES*

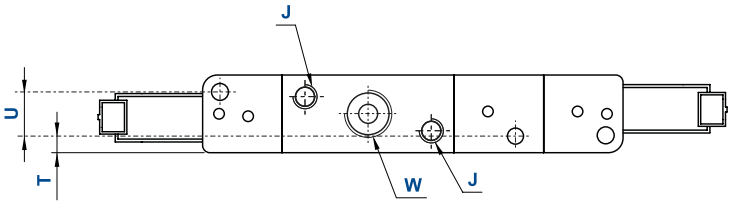
Indicazione della tensione
Voltage indication

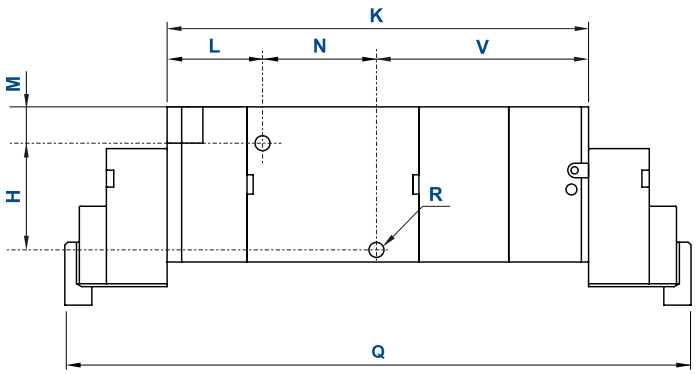
24V DC	**01**
24V 50/60Hz	**02**

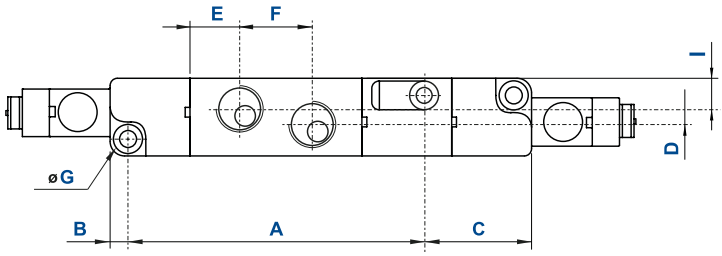
L'alimentazione separata funziona solo se la valvola è montata su sottobase modulare (vedi pag. 17).

The separate air supply works only if the valve is mounted on modular sub-base (see page 17).





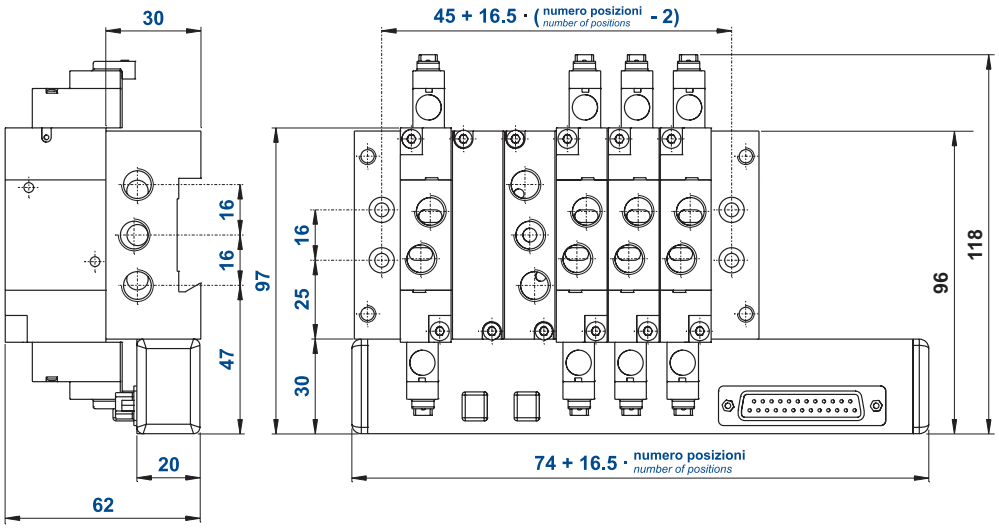




DIMENSIONI *dimensions*	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
4513C EE	61	4	22	3	10.2	15	ø3.5	22	6.5	M5	87	20	7.5	23.5	-	32	129	ø3.1	16	3.5	9	45	G1/8"	-	-	8.9
4513C EE AS	61	4	22	3	10.2	15	ø3.5	22	6.5	M5	87	20	7.5	23.5	-	32	129	ø3.1	16	3.5	9	45	G1/8"	-	-	8.9
4513A EE	61	4	22	3	10.2	15	ø3.5	22	6.5	M5	87	20	7.5	23.5	-	32	129	ø3.1	16	3.5	9	45	G1/8"	-	-	8.9
4513A EE AS	61	4	22	3	10.2	15	ø3.5	22	6.5	M5	87	20	7.5	23.5	-	32	129	ø3.1	16	3.5	9	45	G1/8"	-	-	8.9

Multiconnessione plug-in compatta

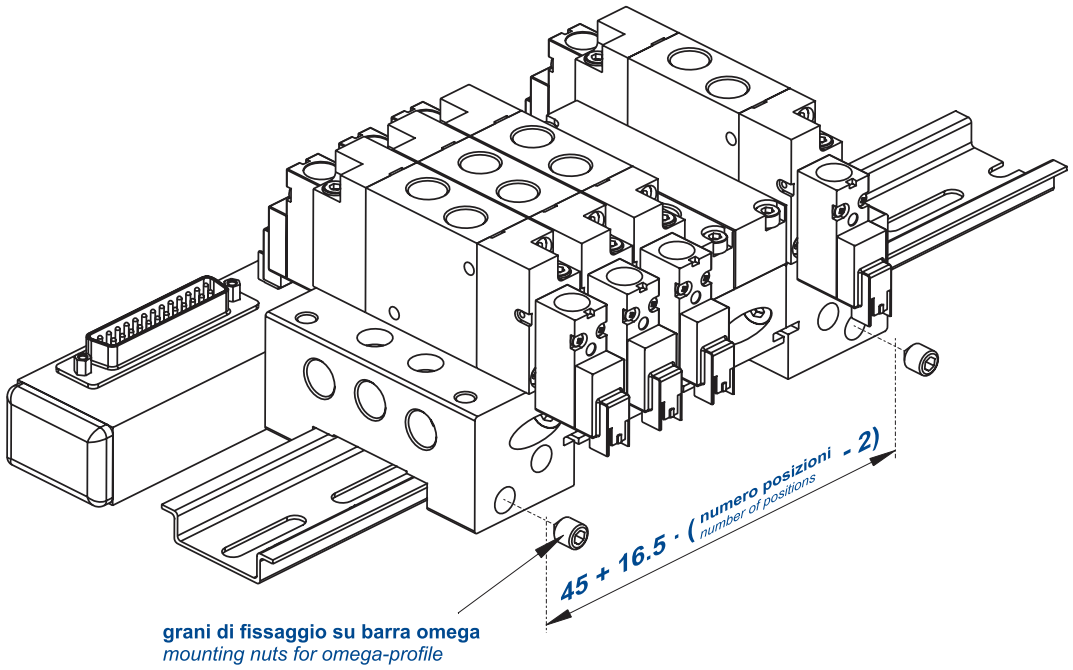
compact plug-in multiconnection



fissaggio delle sottobasi su barra omega

manifold mounting on omega-profile

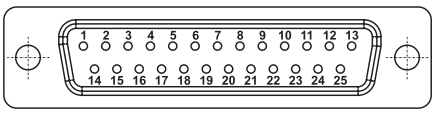
basi modulari
multiple sub-bases



Multiconnessione plug-in compatta

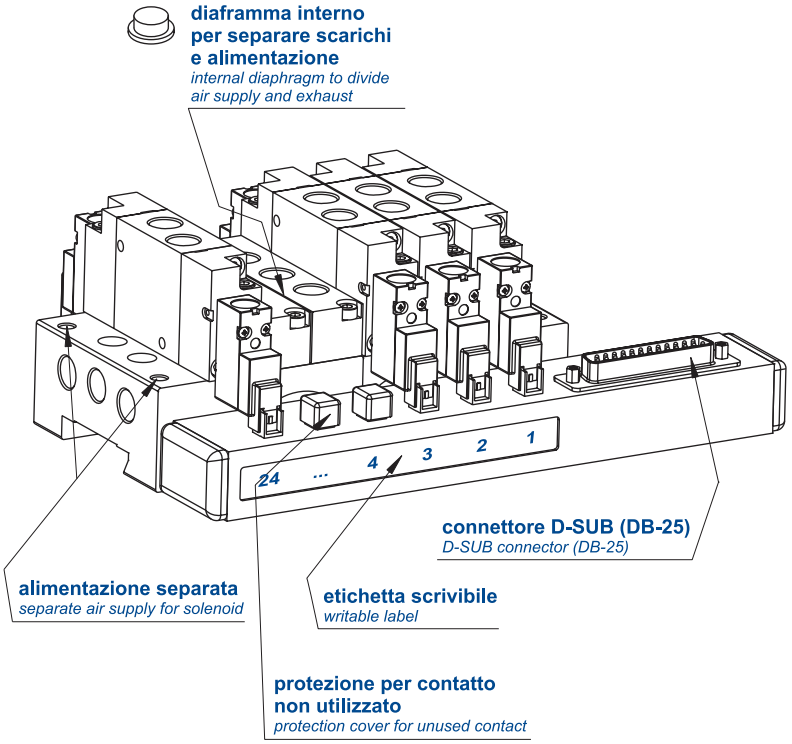
compact plug-in multiconnection

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



1-24 segnali per elettropiloti
signals for solenoid valves

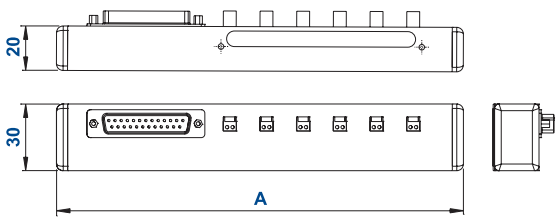
25 comune (–)
common (–)



Piastra elettronica

Electronic plate (rack)

modello *model*	nr. posiz. **no.** stations	A
07.082.2	2	107
07.083.2	4	140
07.084.2	6	173
07.085.2	8	206
07.086.2	10	239
07.087.2	12	272



La piastra elettronica è normalmente venduta insieme alla multiconnessione già configurata ma può essere acquistata anche separatamente. I cavi, contenuti all'interno della piastra, sono già preassemblati.

The electronic plate is normally sold together with the already configured multiconnection, but it can be sold also separately. The cables are already assembled inside the plate.

ACCESSORI - *ACCESSORIES*

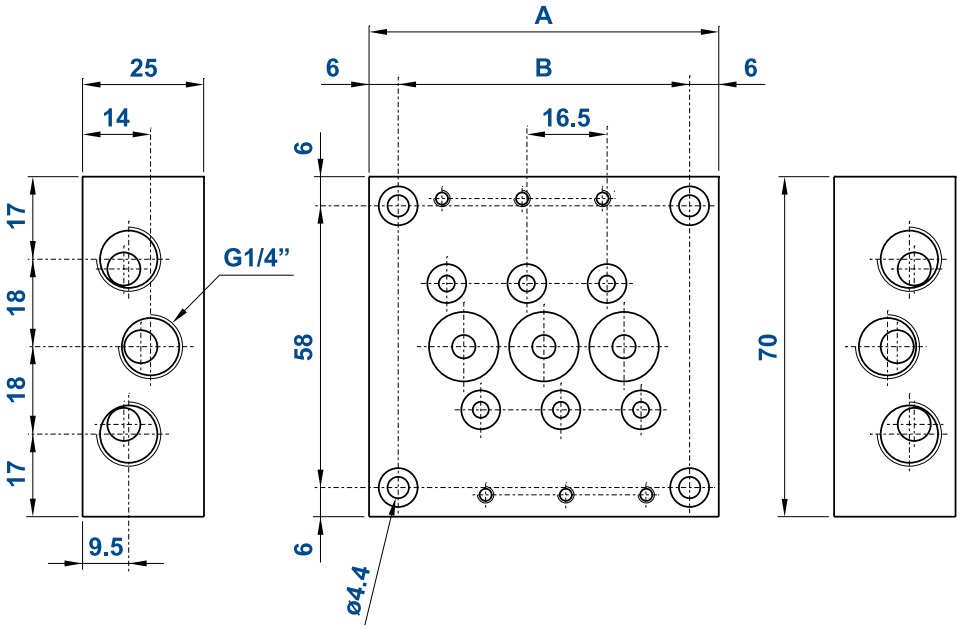
07.125.0 Cavo 3 metri con connettore D-SUB 25 - *3 metres cable with connector D-SUB 25*
07.126.0 Cavo 5 metri con connettore D-SUB 25 - *5 metres cable with connector D-SUB 25*
07.127.0 Cavo 10 metri con connettore D-SUB 25 - *10 metres cable with connector D-SUB 25*

Sottobasi per elettrovalvole 16 mm

manifolds for 16 mm solenoid valves

- Scarichi convogliati
  Common exhaust
- Materiale: alluminio anodizzato
  Material: aluminium (anodize treatment)
- Non utilizzabili per valvole alimentazione separata
  Not suitable for valves with separate air supply
- Sottobasi speciali a richiesta
  Special manifolds on request





modello *model*	**nr. posizioni** *no. stations*	**A**	**B**
05.082.2	2	55.5	43.5
05.083.2	3	72	60
05.084.2	4	88.5	76.5
05.085.2	5	105	93
05.086.2	6	121.5	109.5
05.087.2	7	138	126
05.088.2	8	154.5	142.5
05.089.2	9	171	159
05.090.2	10	187.5	175.5
05.091.2	11	204	192
05.092.2	12	220.5	208.5

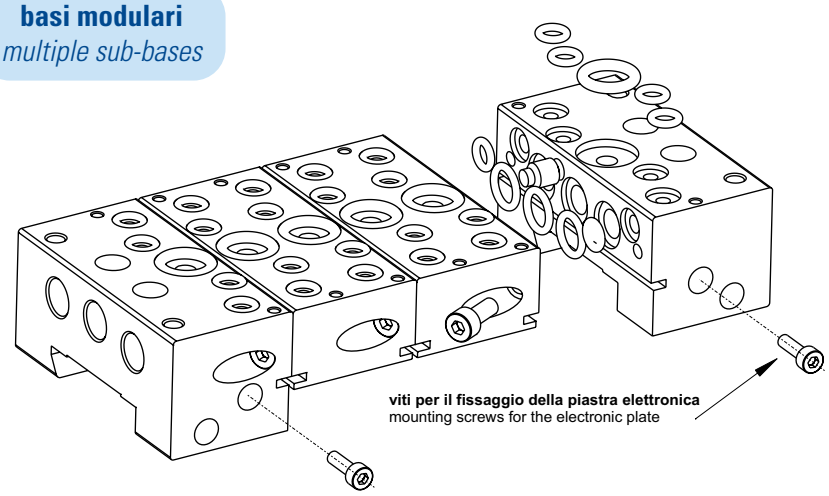
Multiconnessione plug-in compatta

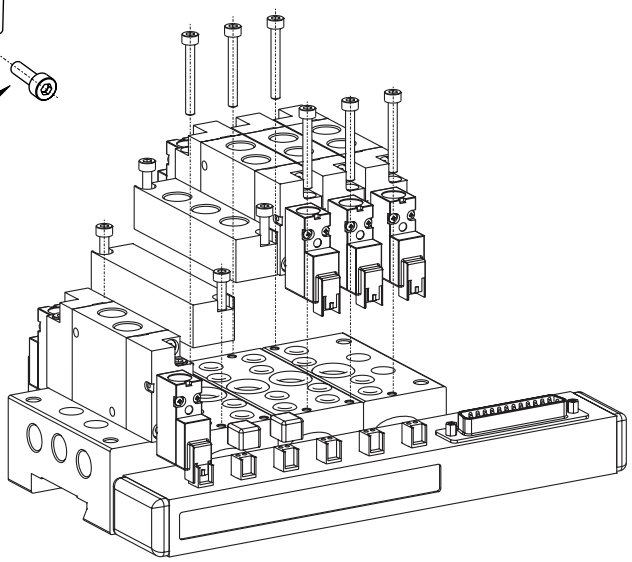
Compact plug-in multiconnection

Installazione delle valvole

Valves installation

basi modulari
multiple sub-bases



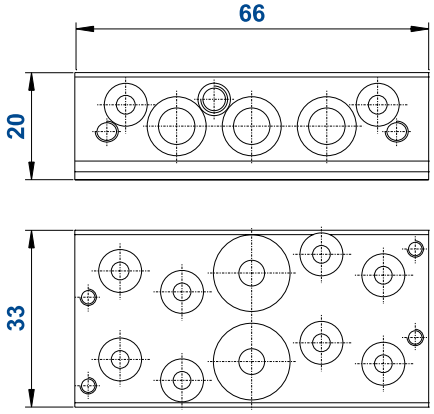


sottobase modulare
modular sub-base



Ogni sottobase è venduta con i particolari necessari per il fissaggio e il montaggio delle valvole. Su ogni sottobase sono disponibili due posizioni. Se è necessario montare una sola valvola, occorre chiudere la posizione rimanente con la piastrina di chiusura.

Each sub-base is sold with all necessary components to install the valves. Each sub-base has two positions. To install only one valve, it is necessary to close the other position with a blanking plate.



CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
07.076.2	per valvole 1/8" *for 1/8" valves*

Multiconnessione plug-in compatta

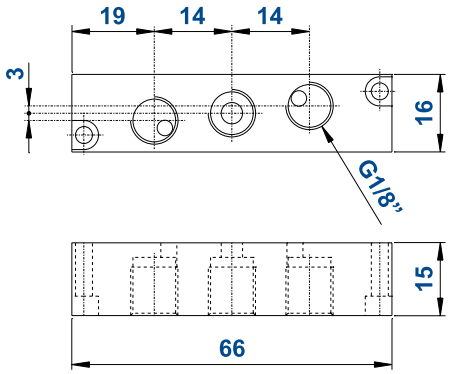
Compact plug-in multiconnection

intermedio
intermediate header



L'intermedio è utilizzabile per dividere una batteria di valvole in due parti e immettere l'aria per l'alimentazione di una delle due attraverso le connessioni di cui è dotato. È venduto con i pezzi necessari al suo assemblaggio.

An intermediate header with separate air supply is available to be installed in a manifold system which requires mixed operating pressures.



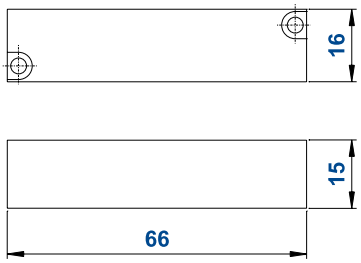
CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
07.077.2	per batterie di valvole 1/8" *for 1/8" manifolds*

piastrina di chiusura
blanking plate



Venduta completa di viti, chiude i fori di sottobasi eventualmente non utilizzate.

The blanking plate with screws is available to close manifold stations not in use.



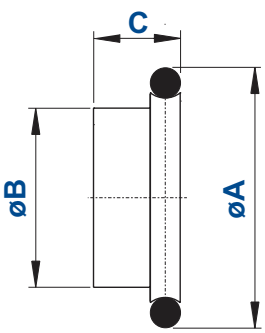
CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
07.078.2	per sottobasi 1/8" - *for 1/8" sub-bases*

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.

	G1/8"
A	10
B	6.6
C	3.2



CODICE DI ORDINAZIONE *order code*	DESCRIZIONE *description*
07.011.2	per batterie di valvole 1/8" *for 1/8" manifolds*

Multiconnessione plug-in compatta

Compact plug-in multiconnection

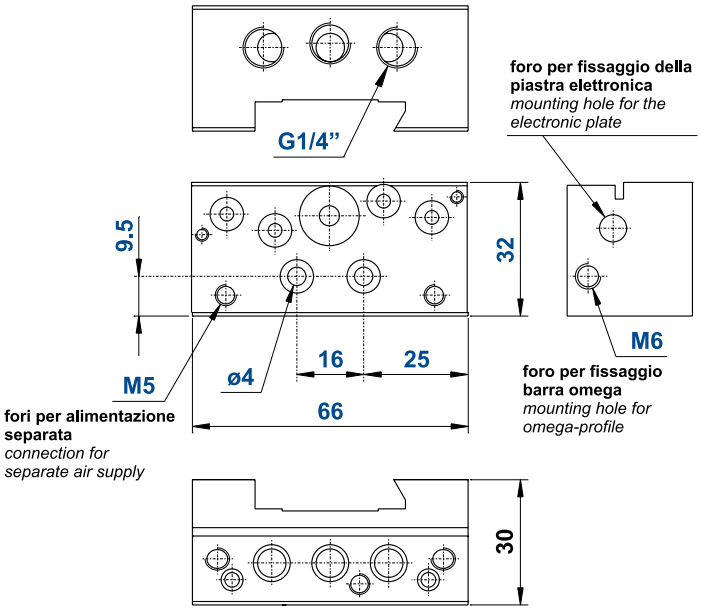
terminale destro
right inlet header



Per ogni batteria di valvole è necessario l'utilizzo di due terminali, uno destro e uno sinistro. Il terminale comprende una posizione per il montaggio di una valvola. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.

Each manifold assembly requires a right and a left hand inlet header kit. The header includes one position for the installation of one valve.
Each inlet header is sold with all necessary components.

CODICE DI ORDINAZIONE *order code*	**DESCRIZIONE** *description*
07.079.2	*terminale destro per sottobasi 1/8" right hand header for 1/8" manifolds*



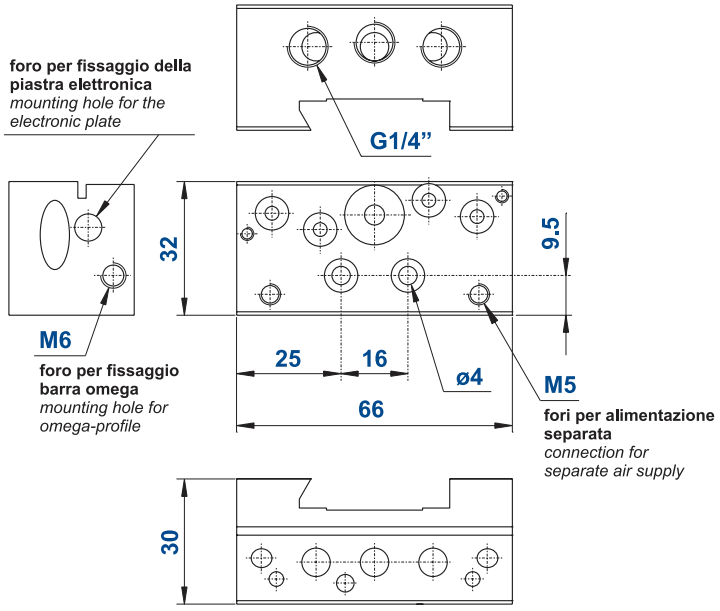
terminale sinistro
left inlet header



Per ogni batteria di valvole è necessario l'utilizzo di due terminali, uno destro e uno sinistro. Il terminale comprende una posizione per il montaggio di una valvola. Ogni terminale è venduto con i particolari necessari al suo assemblaggio.

Each manifold assembly requires a right and a left hand inlet header kit. The header includes one position for the installation of one valve.
Each inlet header is sold with all necessary components.

CODICE DI ORDINAZIONE *order code*	**DESCRIZIONE** *description*
07.080.2	terminale sinistro per sottobasi 1/8" *left hand header for 1/8" manifolds*



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