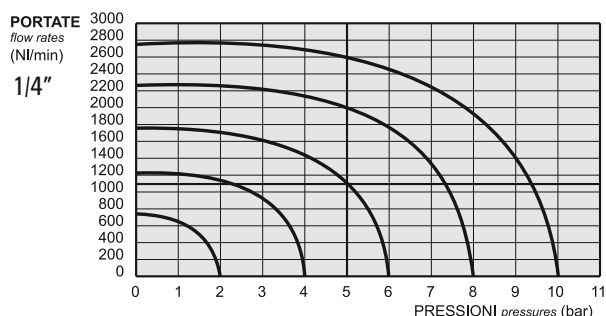
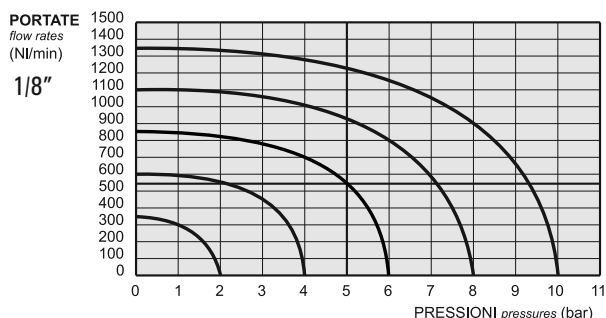
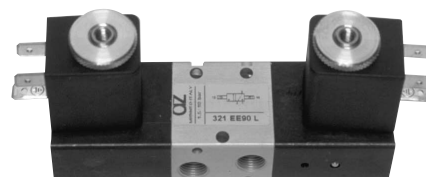


valvole ad azionamento elettropneumatico

solenoid actuated valves



- 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
- Montaggio in linea, su collettori multipli o su basi manifold
Installation in-line, on gang or modular manifolds
- Comandi elettrici con azionamento manuale bistabile
Solenoid pilots with detented manual override as standard
- A richiesta versione a basso assorbimento 1.5W
On request with low consumption 1.5W
- Esecuzioni speciali a richiesta
Special versions on request



Materiali

Corpo: alluminio 11S

Comando e fondello: tecnopolimero (*)

Molle: INOX

Guarnizioni: NBR

Spola: alluminio nichelato

Parti interne: ottone OT58

Materials

Body: aluminium 11S

End cups: technopolymer (*)

Springs: stainless steel

Seals: NBR

Spool: nickel plated aluminium

Internal parts: brass OT58

(*) Su richiesta e dietro supplemento di prezzo, le valvole sono fornibili con corpo, comando e fondello interamente in alluminio. Alcune valvole, come di seguito specificato, sono disponibili solo nella versione in alluminio. Le valvole ATEX sono solo in alluminio.

Le parti in tecnopolimero recano impresso il logo

(*) On request and upon extra charge, the valves are available also with body and end caps entirely in aluminium. Some valves, as specified in the next pages, are available only in the aluminium version. ATEX valves are only in aluminium.

The parts in technopolymer are marked with the logo

Tempi di risposta - response times

	1/8"	1/4"
monostabile <i>mono-stable</i>	TRA (14): 15 ms TRR (12): 35 ms	TRA (14): 19 ms TRR (12): 45 ms
bistabile <i>bi-stable</i>	TRA (14): 20 ms TRR (12): 20 ms	TRA (14): 22 ms TRR (12): 22 ms

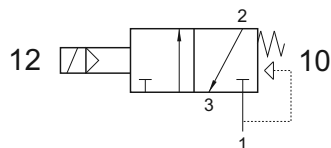
I prodotti di seguito indicati sono venduti senza bobine, da acquistarsi separatamente (vedi pag. 185).
The following listed products are sold without coils, which are bought separately (refer to page 185).

Diametro nominale <i>Nominal orifice</i>		1/8": 5 mm 1/4": 7.5 mm	
Temperatura di esercizio <i>Temperature range</i>		max +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 ... 10 bar 0.25 ... 1 MPa	1 ... 10 bar 0.1 ... 1 MPa	-0.9 ... 10 bar -0.09 ... 1 MPa
Pressione di azionamento (per alimentazione separata) <i>Actuating pressure (for separate air supply)</i>		monostabile [mono-stable]	bistabile [bi-stable]
		2.5 ... 10 bar 0.25 ... 1 MPa	1 ... 10 bar 0.1 ... 1 MPa
Fluido <i>Fluid</i>		Aria filtrata 50µ con o senza lubrificazione 50µ filtered, lubricated or non lubricated air	

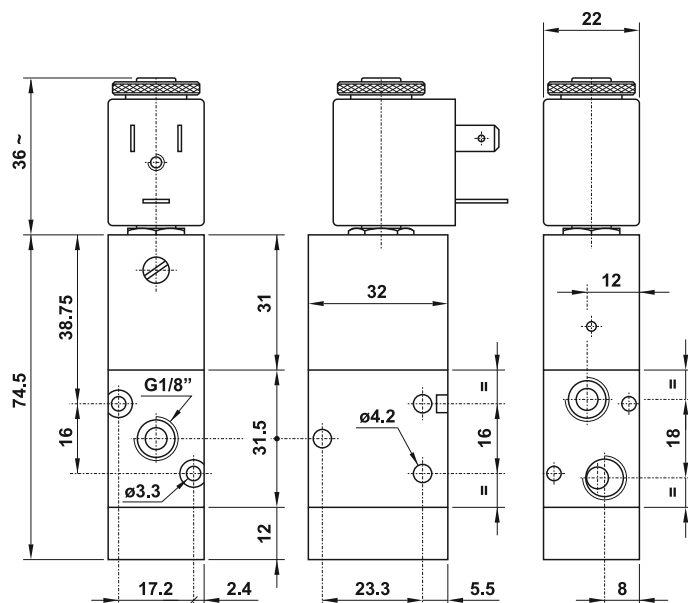
321 ME

3/2 1/8" NC comando elettrico - ritorno a molla

3/2 1/8" NC solenoid pilot - spring return



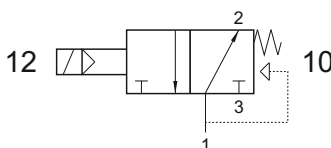
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



321 MEA

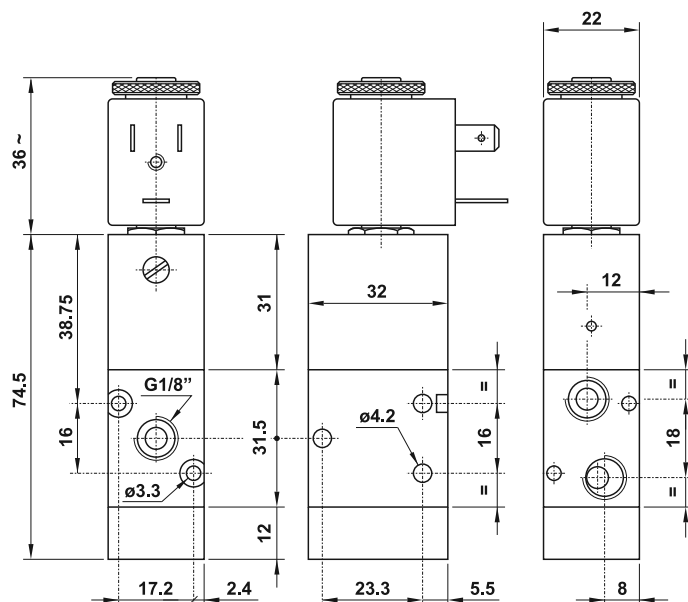
3/2 1/8" NA comando elettrico - ritorno a molla

3/2 1/8" NO solenoid pilot - spring return



Non può essere utilizzata come valvola normalmente chiusa.
It cannot be used as normally closed valve.

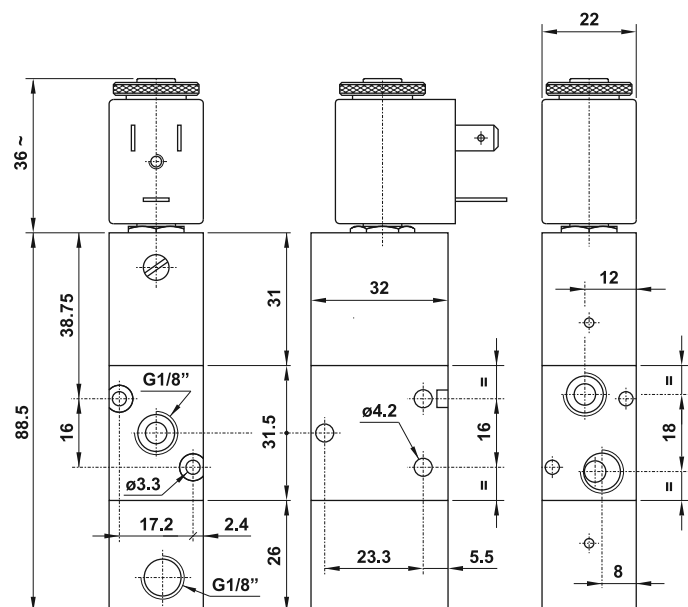
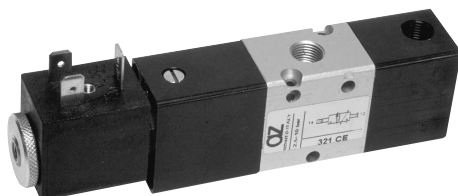
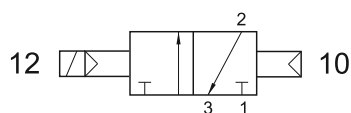
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



321 CE

3/2 1/8" comando elettrico - ritorno a comando pneumatico

3/2 1/8" solenoid pilot - separate pneumatically piloted return



valvole ad azionamento elettropneumatico

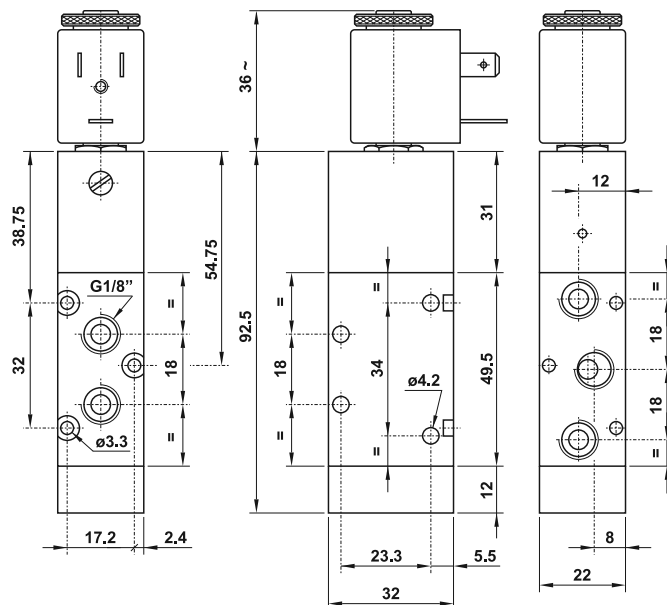
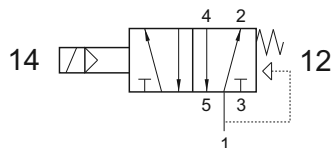
solenoid actuated valves



521 ME

5/2 1/8" comando elettrico - ritorno a molla

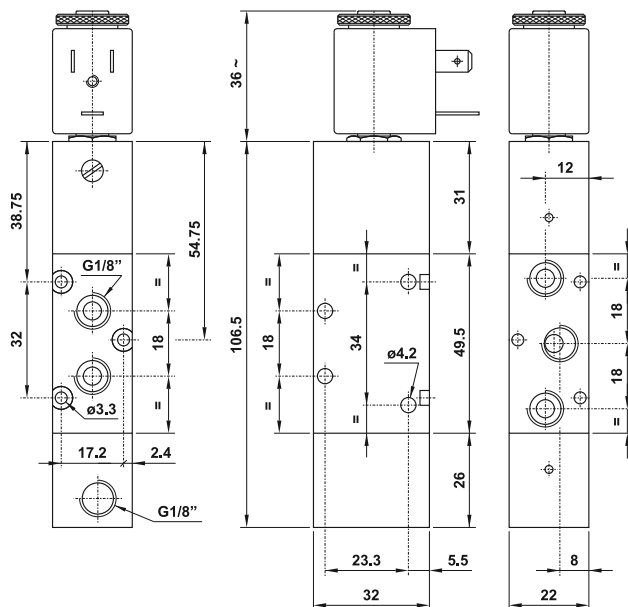
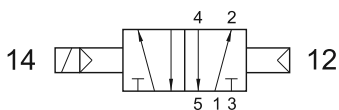
5/2 1/8" solenoid pilot - spring return



521 CE

5/2 1/8" comando elettrico - ritorno a comando pneumatico

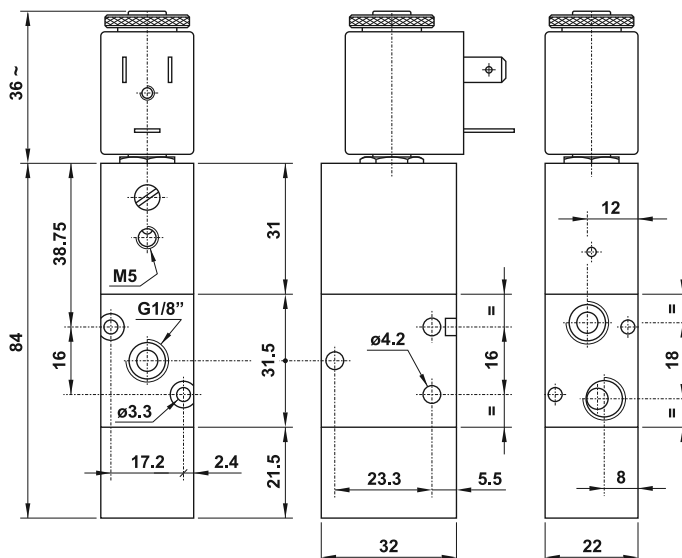
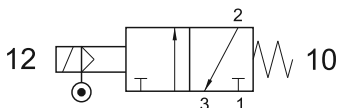
5/2 1/8" solenoid pilot - separate pneumatically piloted return



321 ME AS

3/2 1/8" comando elettrico alimentazione separata - ritorno a molla

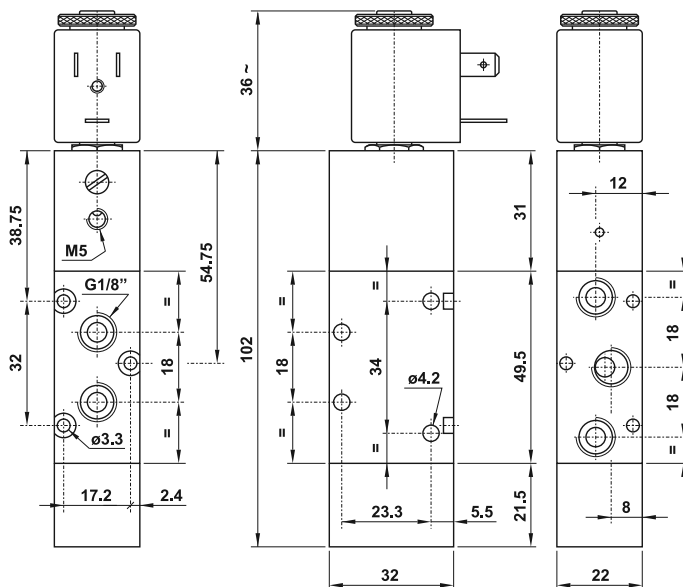
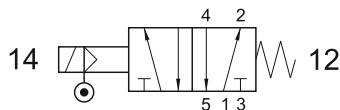
3/2 1/8" solenoid pilot with separate air supply - spring return



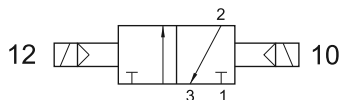
solenoid actuated valves



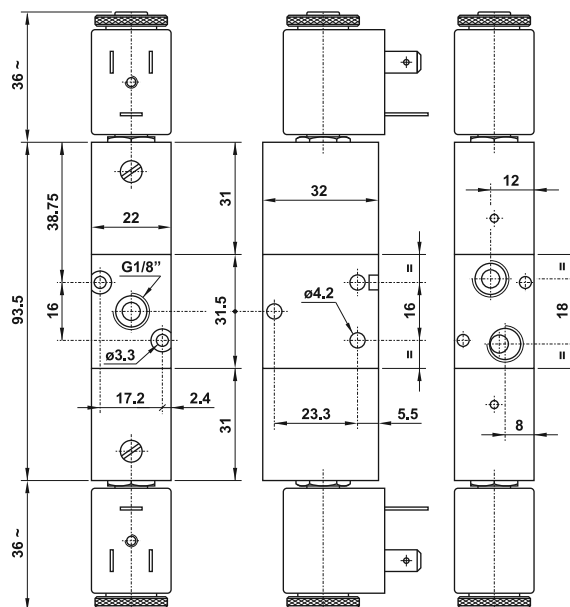
5/2 1/8" comando elettrico alimentazione separata - ritorno a molla
5/2 1/8" solenoid pilot with separate air supply - spring return



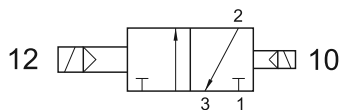
3/2 1/8" doppio comando elettrico
3/2 1/8" double solenoid pilot



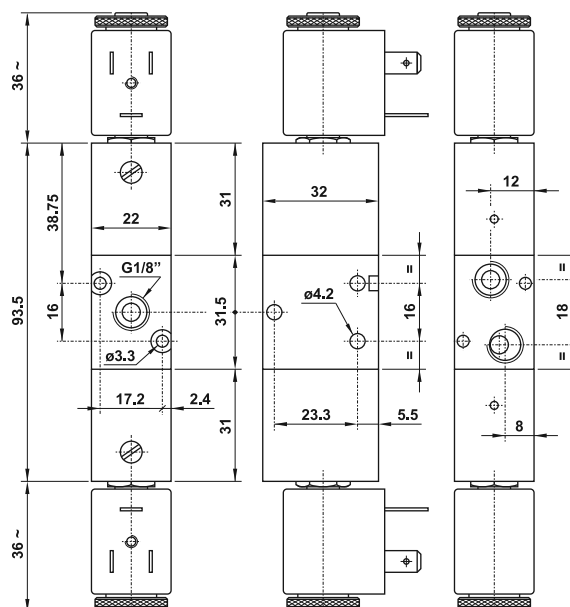
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



3/2 1/8" doppio comando elettrico - con differenziale
3/2 1/8" double solenoid pilot - with differential



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



valvole ad azionamento elettropneumatico

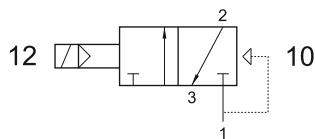
solenoid actuated valves



321 EFP

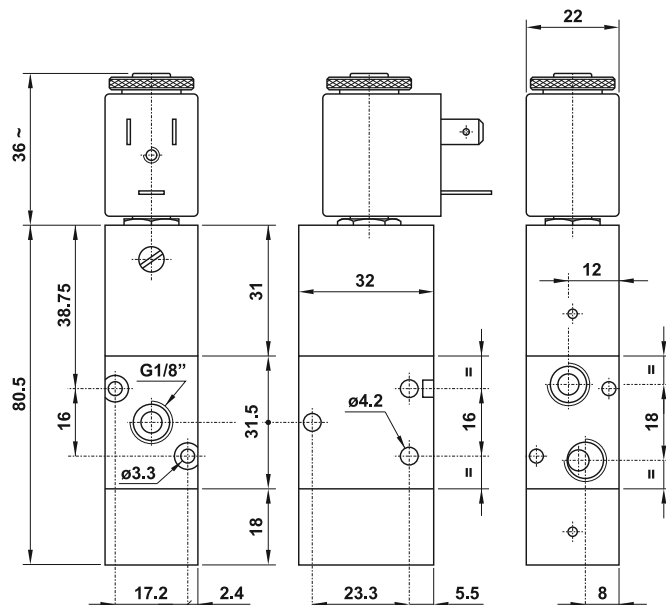
3/2 1/8" NC comando elettrico - ritorno a molla pneumatica

3/2 1/8" NC solenoid pilot - pneumatic spring return



Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.

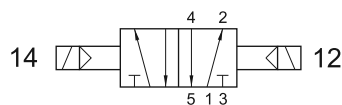
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



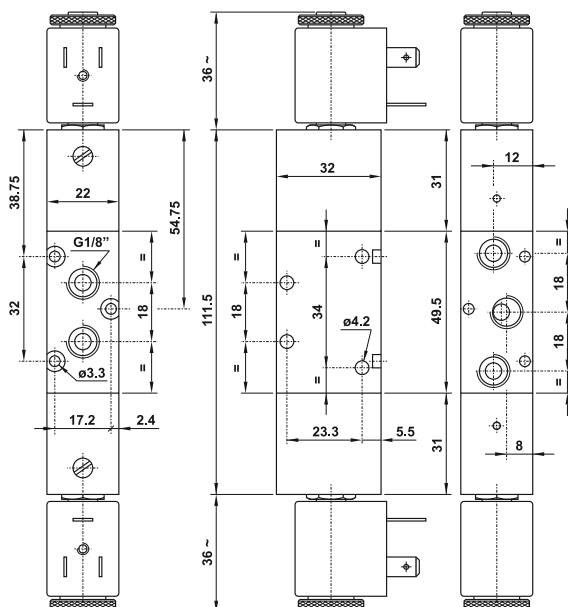
521 EE

5/2 1/8" doppio comando elettrico

5/2 1/8" double solenoid pilot



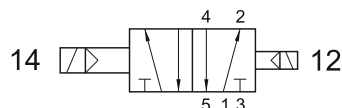
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



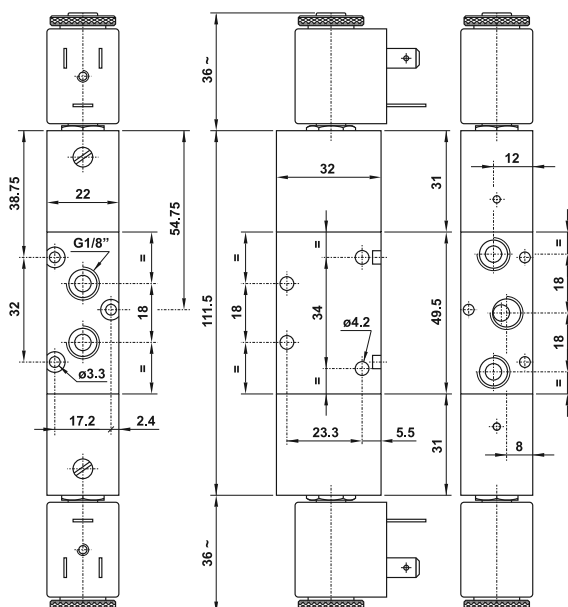
521 EED

5/2 1/8" doppio comando elettrico - con differenziale

5/2 1/8" double solenoid pilot - with differential



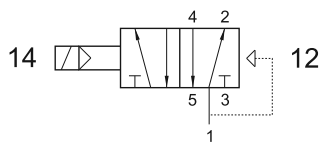
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



solenoid actuated valves



5/2 1/8" solenoid pilot - pneumatic spring return



Technical drawing showing three variants of a 100W LED module with dimensions in millimeters (mm).

Variant 1 (Left):

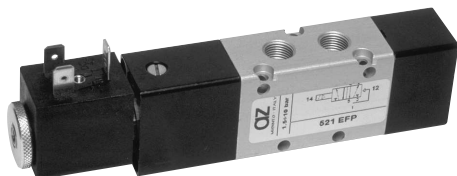
- Overall height: 38.75
- Top section height: 32
- Bottom section height: 18
- Overall width: 17.2
- Bottom flange width: 2.4
- Mounting hole: G1/8"
- Bottom hole diameter: Ø3.3
- Internal spacing: 54.75

Variant 2 (Middle):

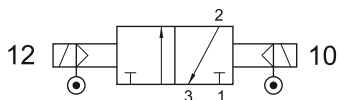
- Overall height: 36 ~
- Top section height: 31
- Bottom section height: 18
- Overall width: 32
- Bottom flange width: 5.5
- Mounting hole: Ø4.2
- Internal spacing: 49.5
- Internal spacing: 34
- Internal spacing: 18
- Internal spacing: 23.3

Variant 3 (Right):

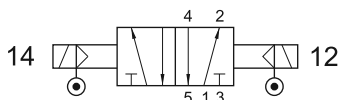
- Overall height: 36 ~
- Top section height: 31
- Bottom section height: 18
- Overall width: 22
- Bottom flange width: 8
- Mounting hole: Ø4.2
- Internal spacing: 49.5
- Internal spacing: 34
- Internal spacing: 18
- Internal spacing: 12



3/2 1/8" double solenoid pilot with separate air supply

[illegible]

5/2 1/8" double solenoid pilot with separate air supply



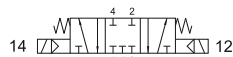
valvole ad azionamento elettropneumatico

solenoid actuated valves



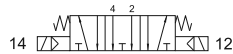
5213C EE

centri chiusi
closed centres



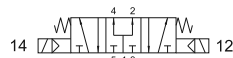
5213A EE

centri aperti
open centres



5213P EE

centri in pressione
pressurized centres

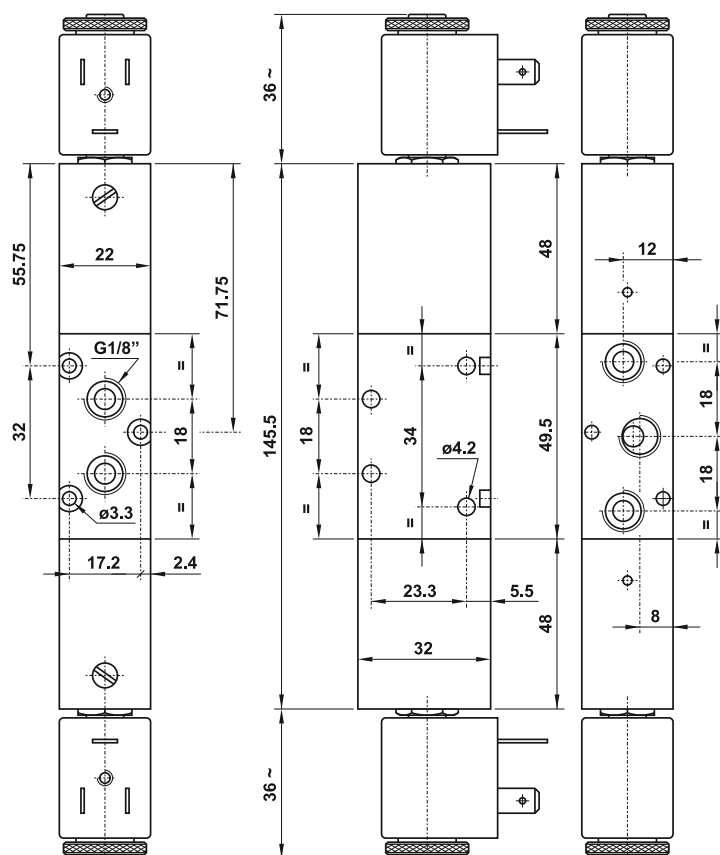


5/3 1/8" doppio comando elettrico

5/3 1/8" double solenoid pilot

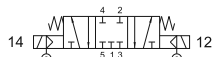
SOLO VERSIONE IN ALLUMINIO

ONLY ALUMINIUM VERSION



5213C EE AS

centri chiusi
closed centres



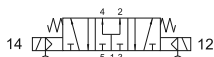
5213A EE AS

centri aperti
open centres



5213P EE AS

centri in pressione
pressurized centres

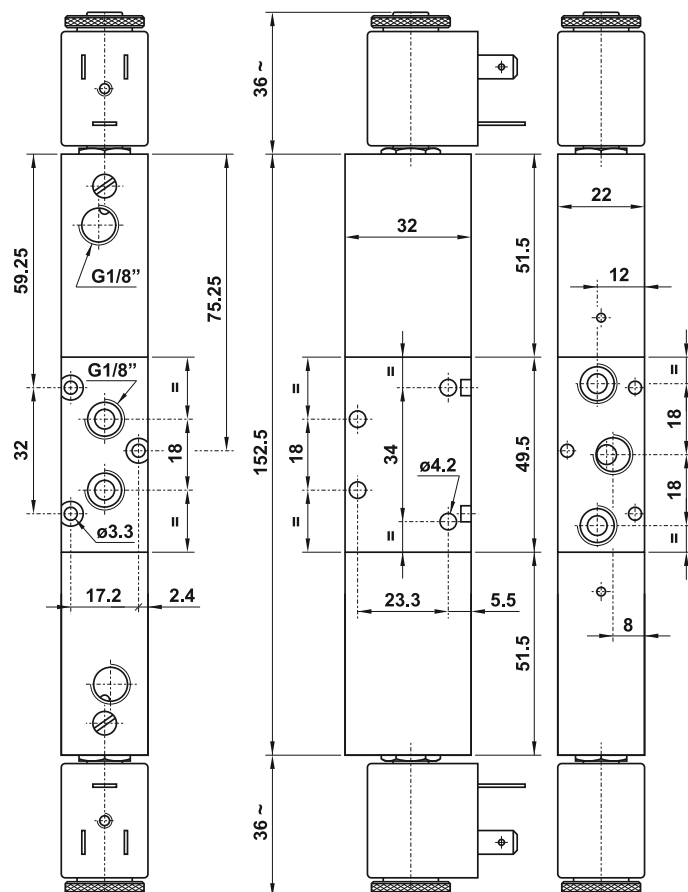


5/3 1/8" doppio comando elettrico alimentazione separata

5/3 1/8" double solenoid pilot with separate air supply

SOLO VERSIONE IN ALLUMINIO

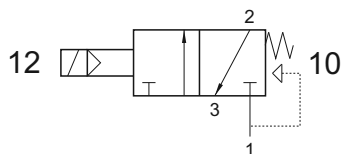
ONLY ALUMINIUM VERSION



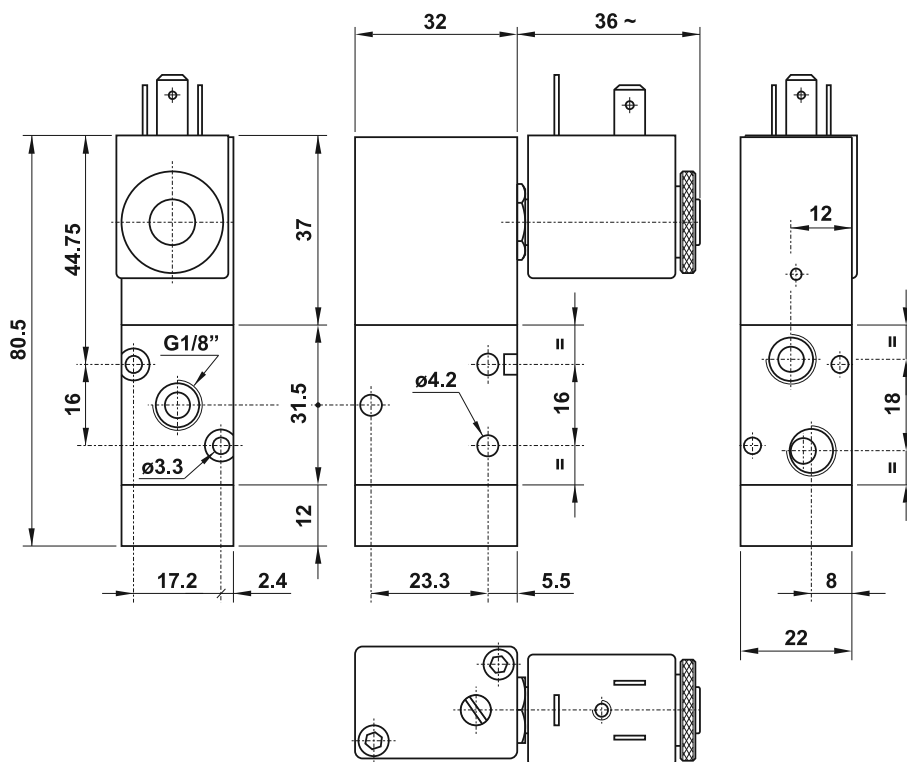
321 ME90 S

3/2 1/8" NC comando elettrico 90° sul lato stretto - ritorno a molla

3/2 1/8" NC 90° solenoid pilot on the narrow side for compact assembly - spring return



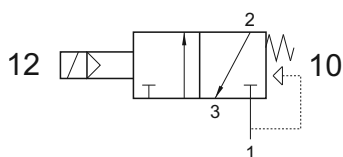
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



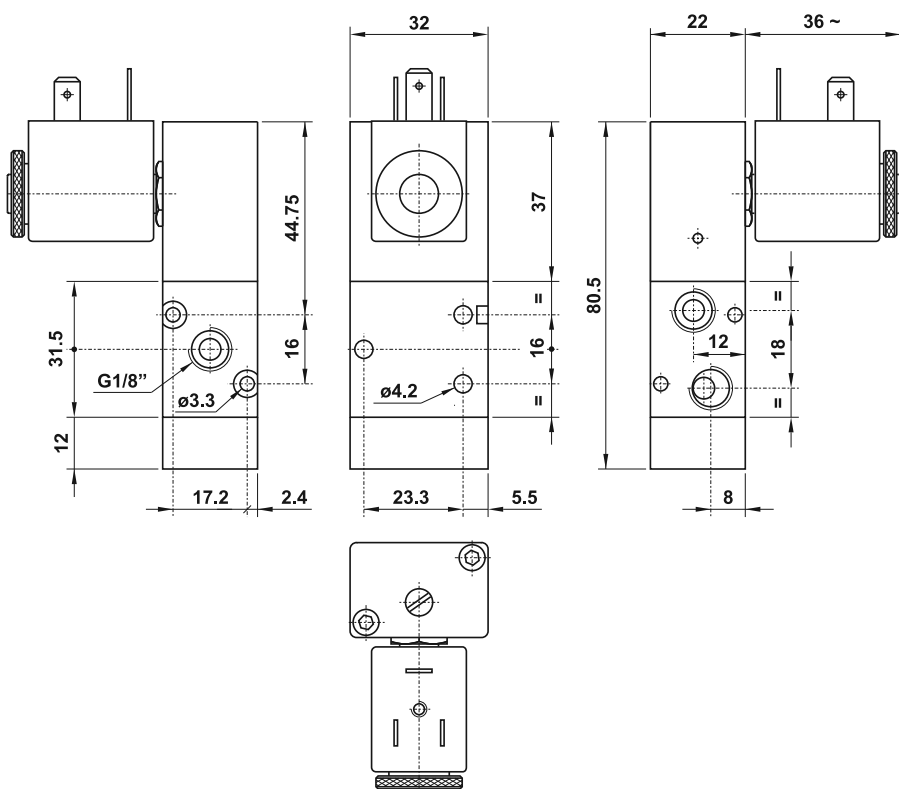
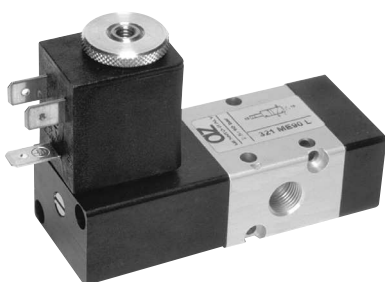
321 ME90 L

3/2 1/8" NC comando elettrico 90° sul lato largo - ritorno a molla

3/2 1/8" NC 90° solenoid pilot on the wide side - spring return



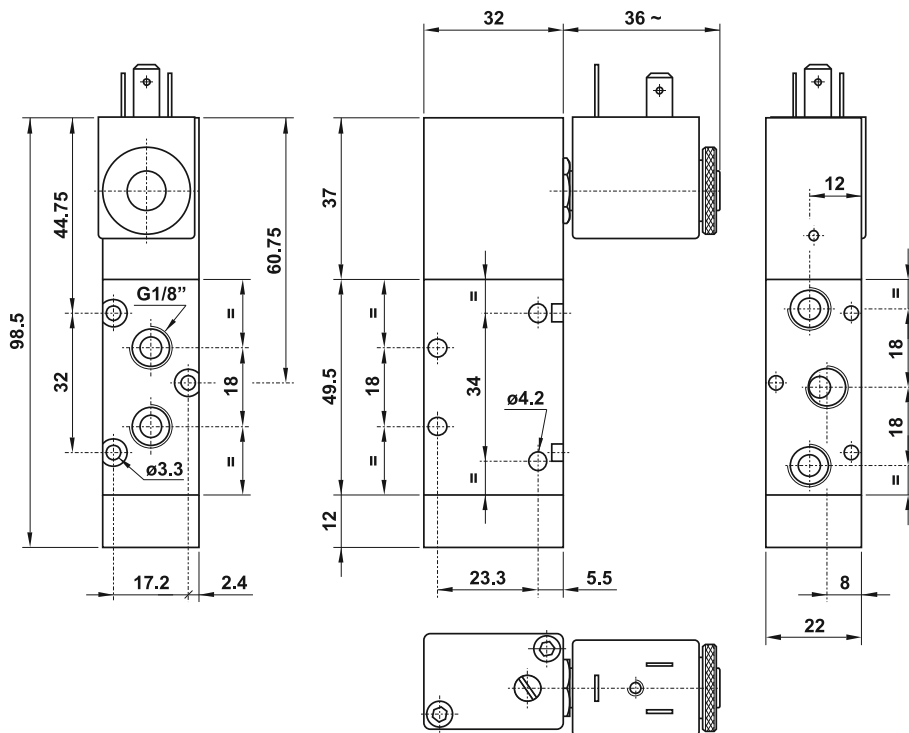
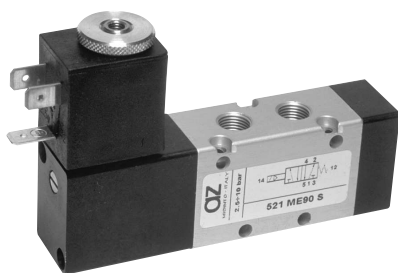
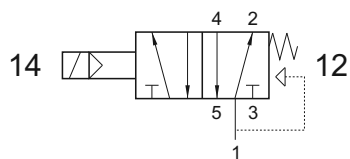
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



521 ME90 S

5/2 1/8" comando elettrico 90° sul lato stretto - ritorno a molla

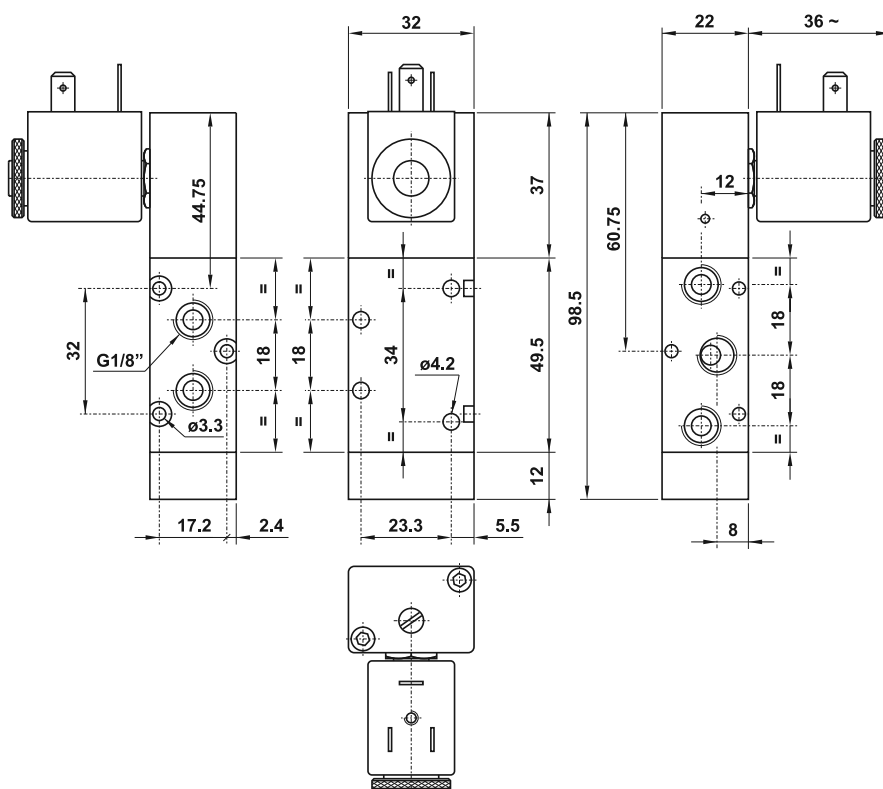
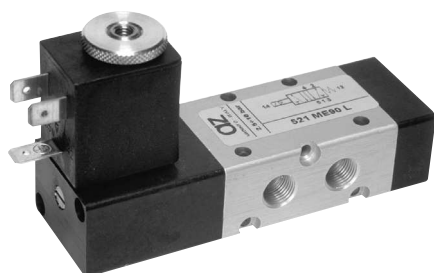
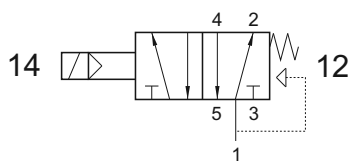
5/2 1/8" 90° solenoid pilot on the narrow side for compact assembly - spring return



521 ME90 L

5/2 1/8" comando elettrico 90° sul lato largo - ritorno a molla

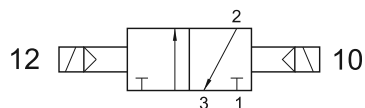
5/2 1/8" 90° solenoid pilot on the wide side - spring return



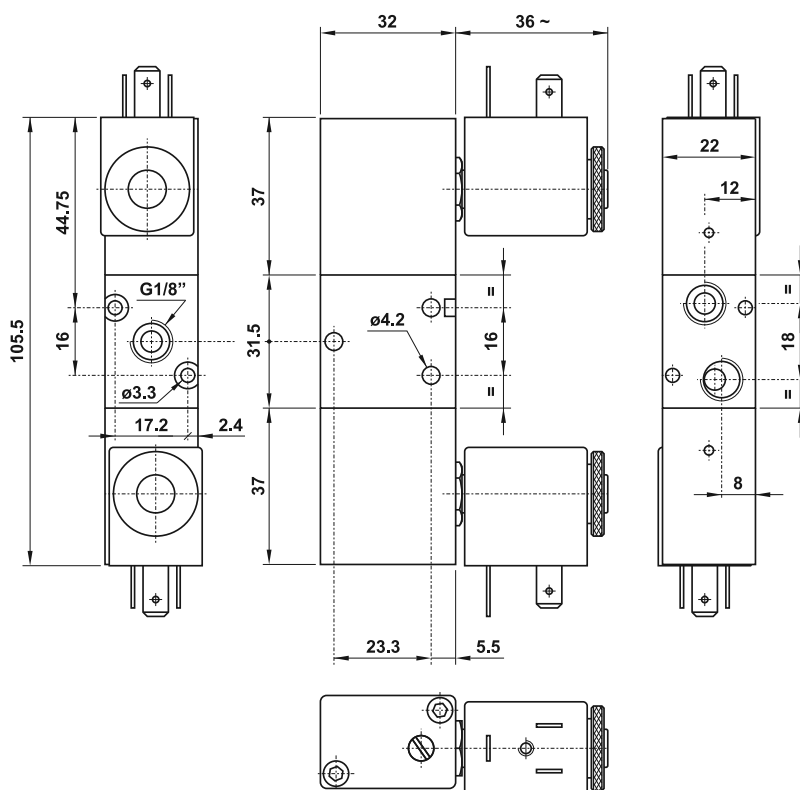
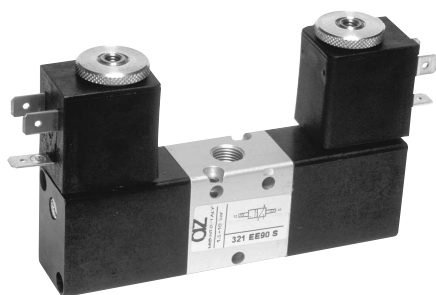
321 EE90 S

3/2 1/8" doppio comando elettrico 90° sul lato stretto

3/2 1/8" 90° double solenoid pilot on the narrow side for compact assembly



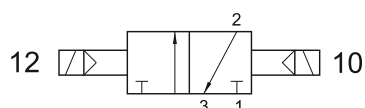
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



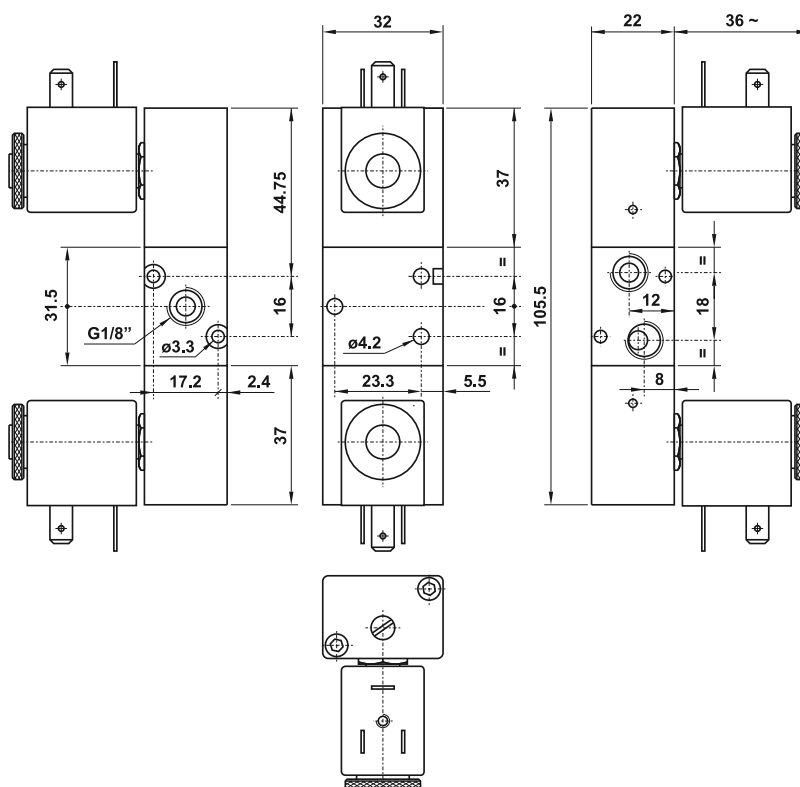
321 EE90 L

3/2 1/8" doppio comando elettrico 90° sul lato largo

3/2 1/8" 90° double solenoid pilot on the wide side



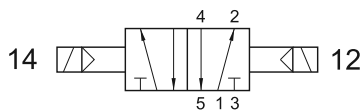
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



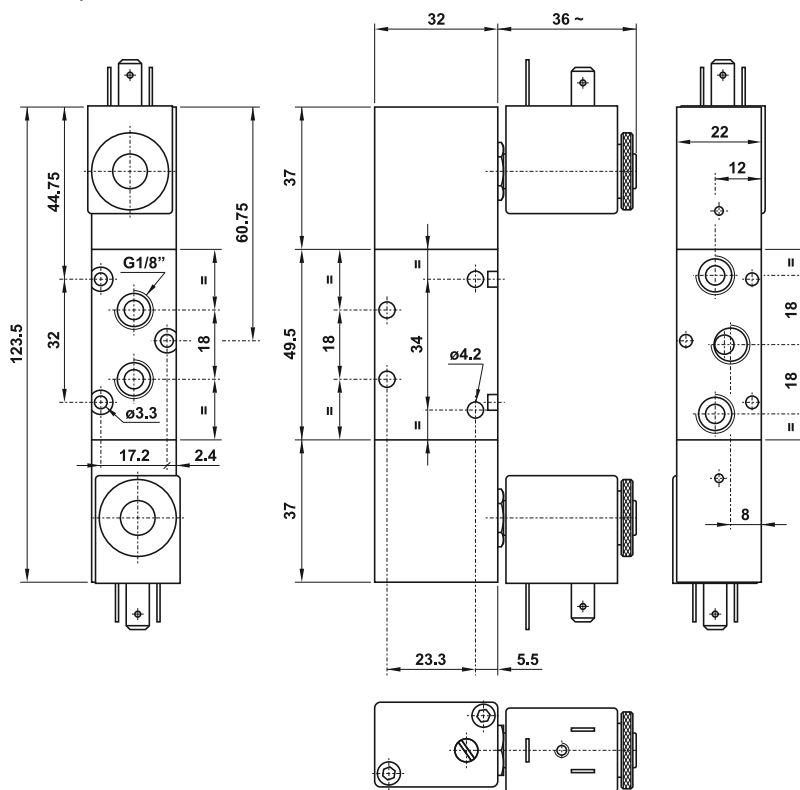
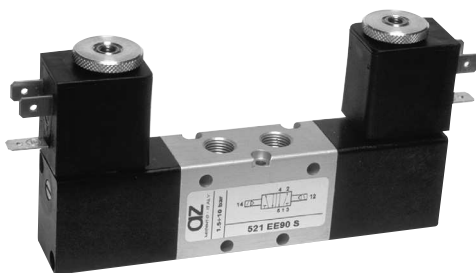
521 EE90 S

5/2 1/8" doppio comando elettrico 90° sul lato stretto

5/2 1/8" 90° double solenoid pilot on the narrow side for compact assembly



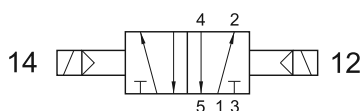
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



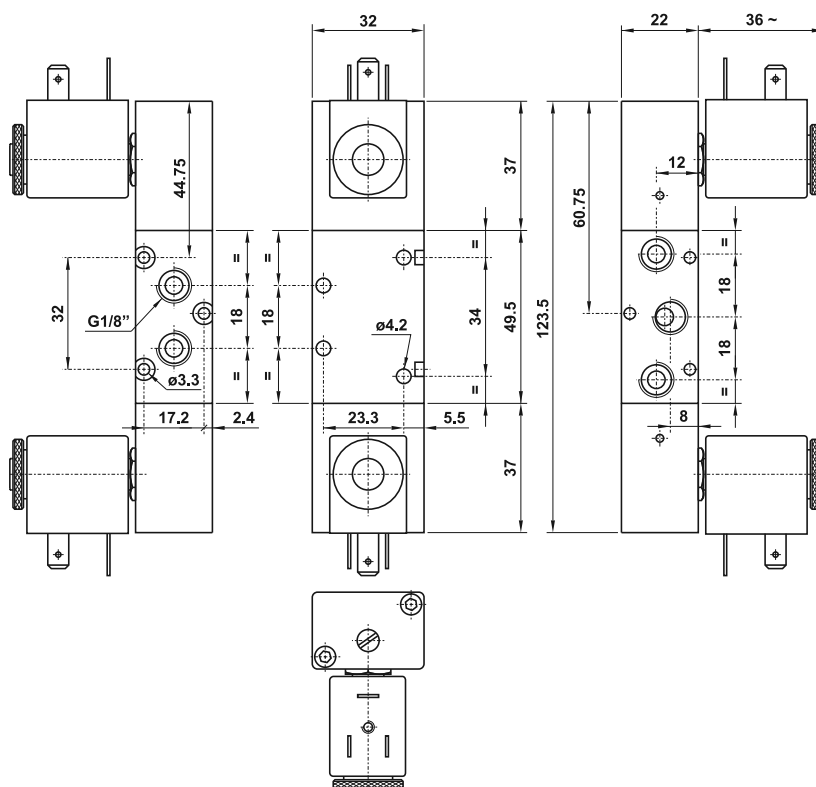
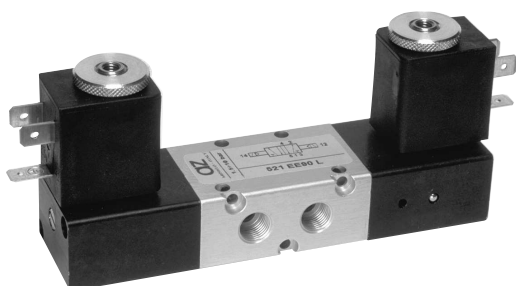
521 EE90 L

5/2 1/8" doppio comando elettrico 90° sul lato largo

5/2 1/8" 90° double solenoid pilot on the wide side



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



valvole ad azionamento elettropneumatico

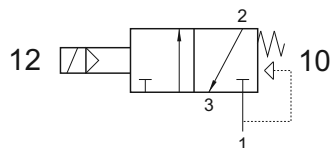
solenoid actuated valves



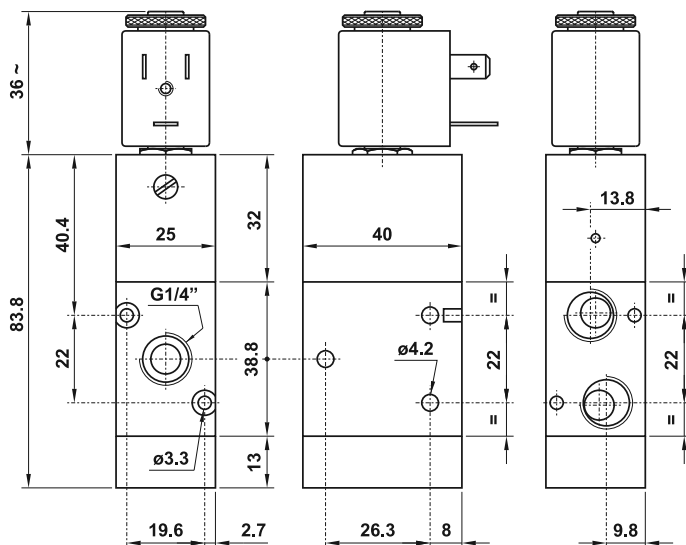
322 ME

3/2 1/4" NC comando elettrico - ritorno a molla

3/2 1/4" NC solenoid pilot - spring return



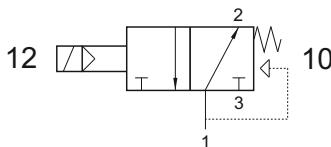
Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.



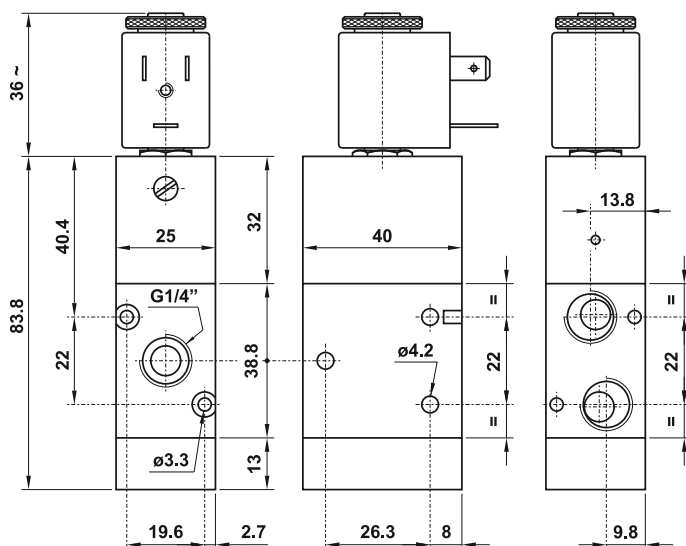
322 MEA

3/2 1/4" NA comando elettrico - ritorno a molla

3/2 1/4" NO solenoid pilot - spring return



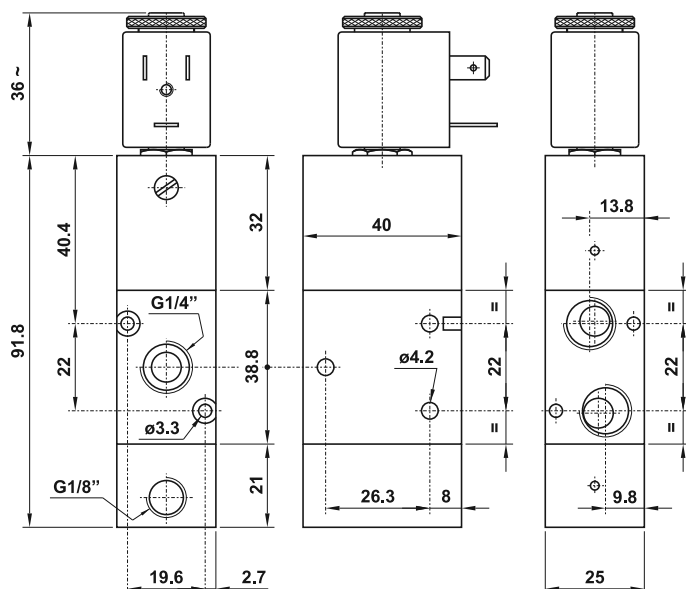
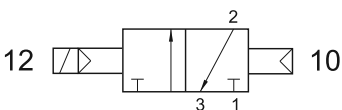
Non può essere utilizzata come valvola normalmente chiusa.
It cannot be used as normally closed valve.



322 CE

3/2 1/4" comando elettrico - ritorno a comando pneumatico

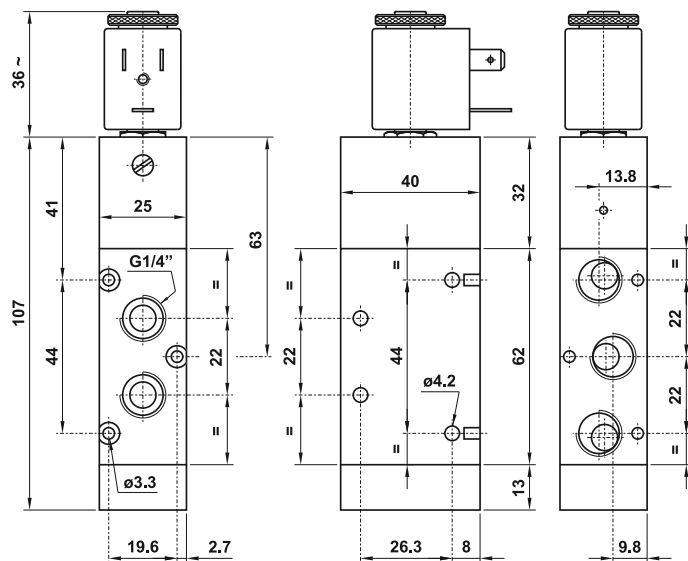
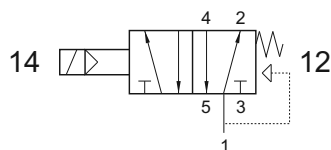
3/2 1/4" solenoid pilot - separate pneumatically piloted return



522 ME

5/2 1/4" comando elettrico - ritorno a molla

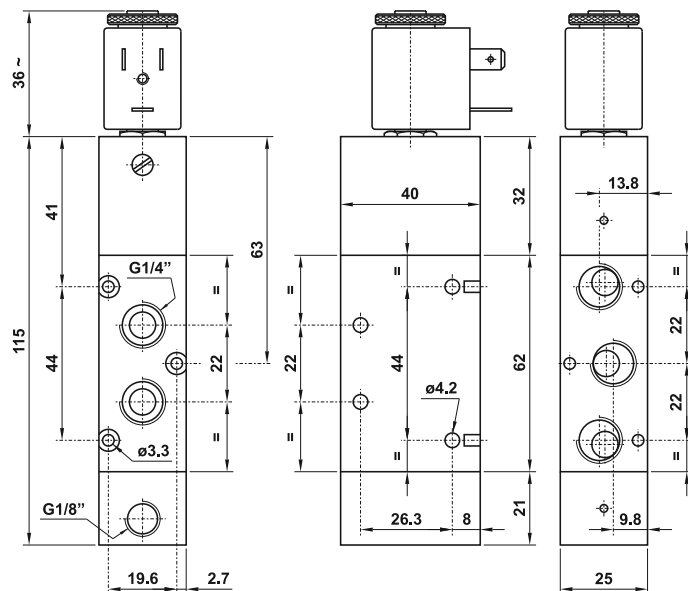
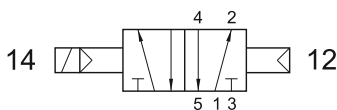
5/2 1/4" solenoid pilot - spring return



522 CE

5/2 1/4" comando elettrico - ritorno a comando pneumatico

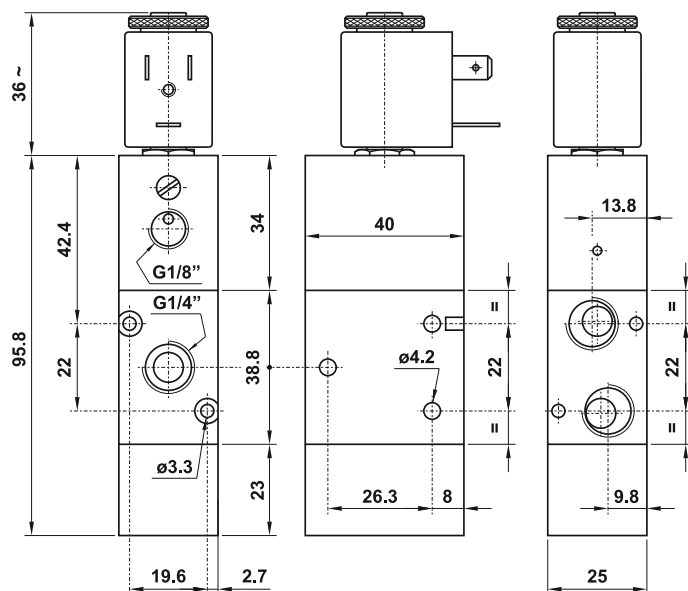
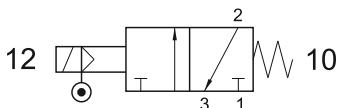
5/2 1/4" solenoid pilot - separate pneumatically piloted return



322 ME AS

3/2 1/4" comando elettrico alimentazione separata - ritorno a molla

3/2 1/4" solenoid pilot with separate air supply - spring return



valvole ad azionamento elettropneumatico

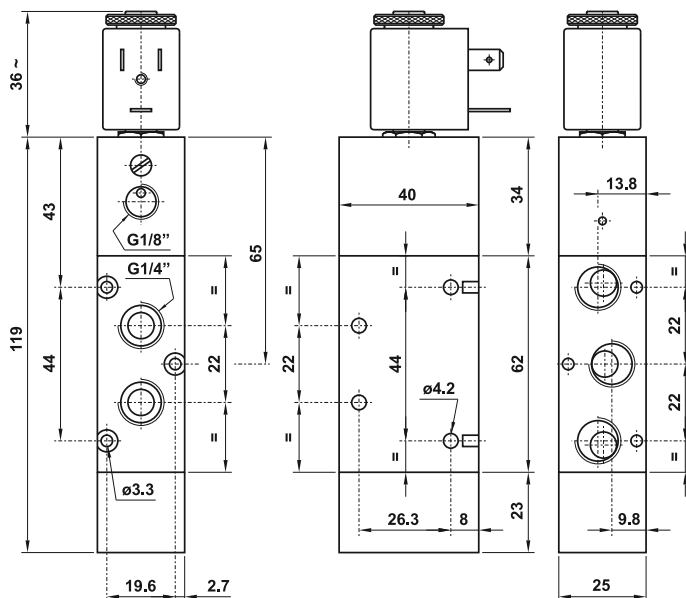
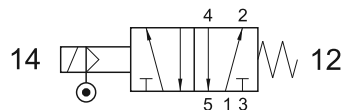
solenoid actuated valves



522 ME AS

5/2 1/4" comando elettrico alimentazione separata - ritorno a molla

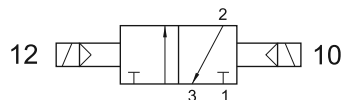
5/2 1/4" solenoid pilot with separate air supply - spring return



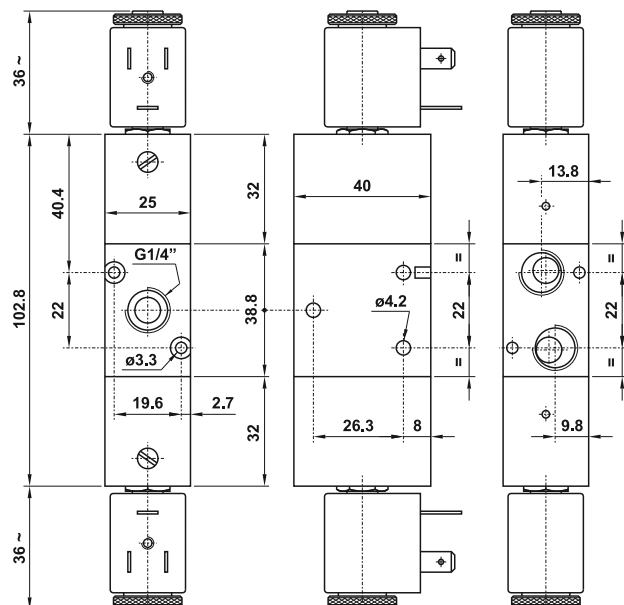
322 EE

3/2 1/4" doppio comando elettrico

3/2 1/4" double solenoid pilot



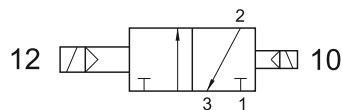
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



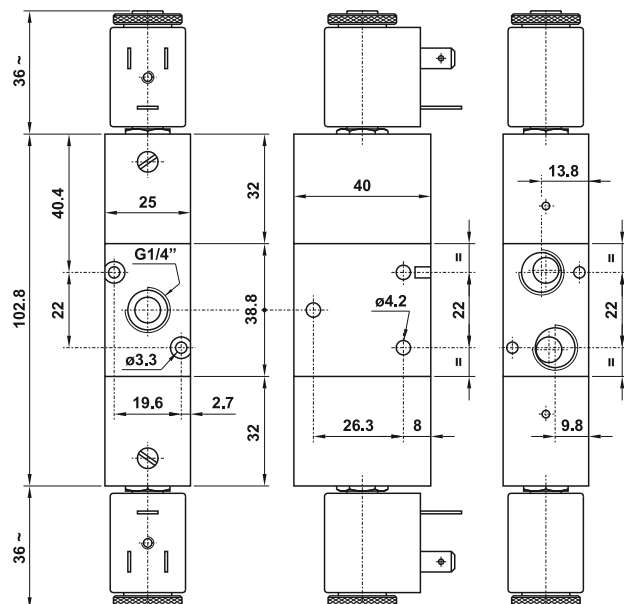
322 EED

3/2 1/4" doppio comando elettrico - con differenziale

3/2 1/4" double solenoid pilot - with differential



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



valvole ad azionamento elettropneumatico

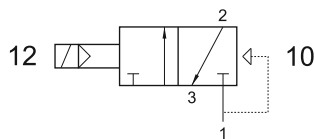
solenoid actuated valves



322 EFP

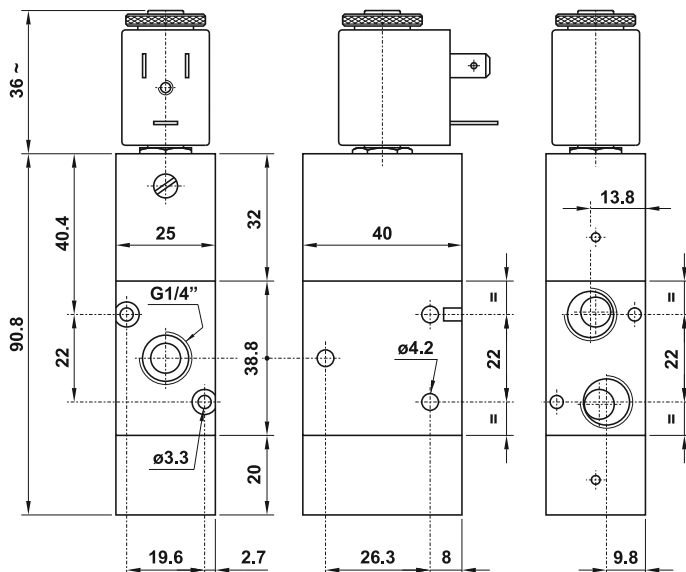
3/2 1/4" NC comando elettrico - ritorno a molla pneumatica

3/2 1/4" NC solenoid pilot - pneumatic spring return



Non può essere utilizzata come valvola normalmente aperta.
It cannot be used as normally open valve.

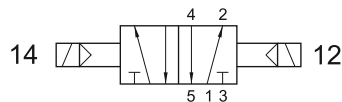
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



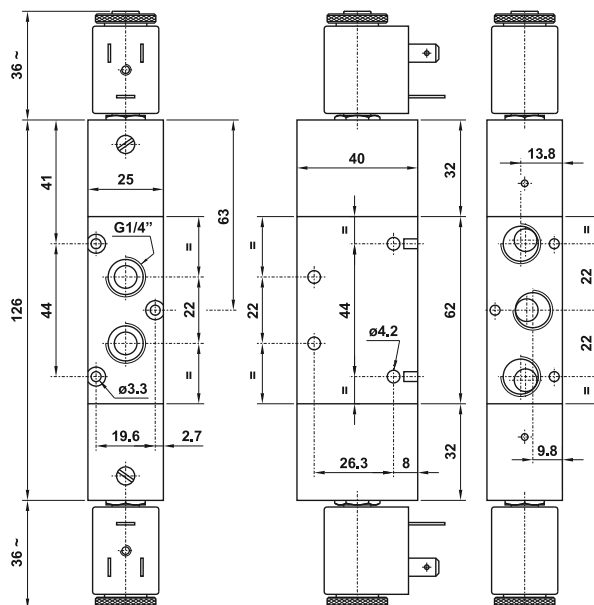
522 EE

5/2 1/4" doppio comando elettrico

5/2 1/4" double solenoid pilot



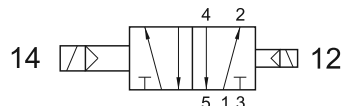
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



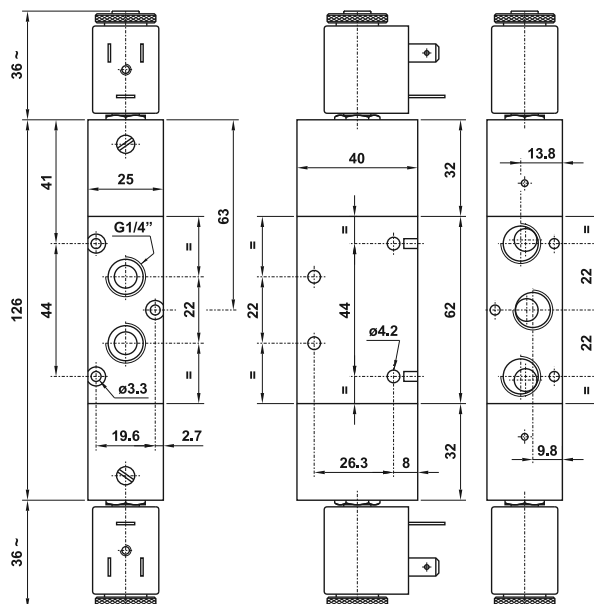
522 EED

5/2 1/4" doppio comando elettrico - con differenziale

5/2 1/4" double solenoid pilot - with differential



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



valvole ad azionamento elettropneumatico

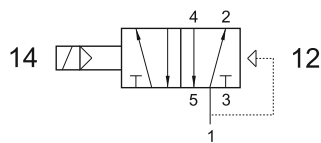
solenoid actuated valves



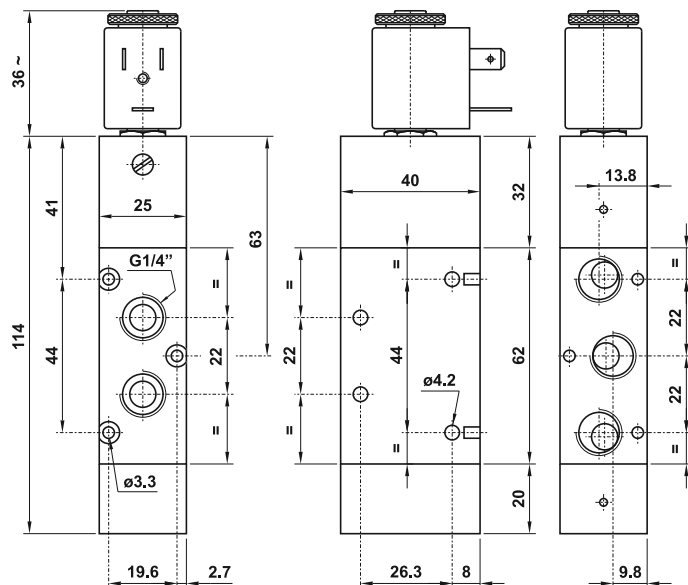
522 EFP

5/2 1/4" comando elettrico - ritorno a molla pneumatica

5/2 1/4" solenoid pilot - pneumatic spring return



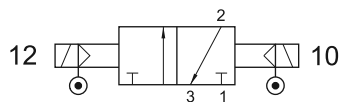
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



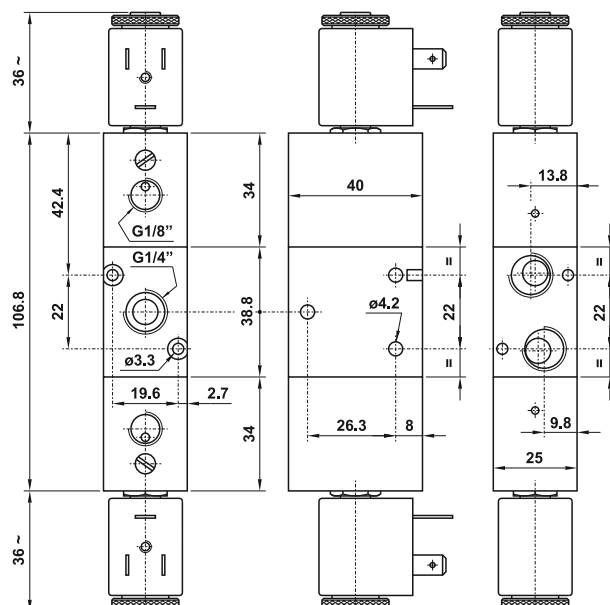
322 EE AS

3/2 1/4" doppio comando elettrico alimentazione separata

3/2 1/4" double solenoid pilot with separate air supply



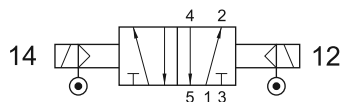
SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



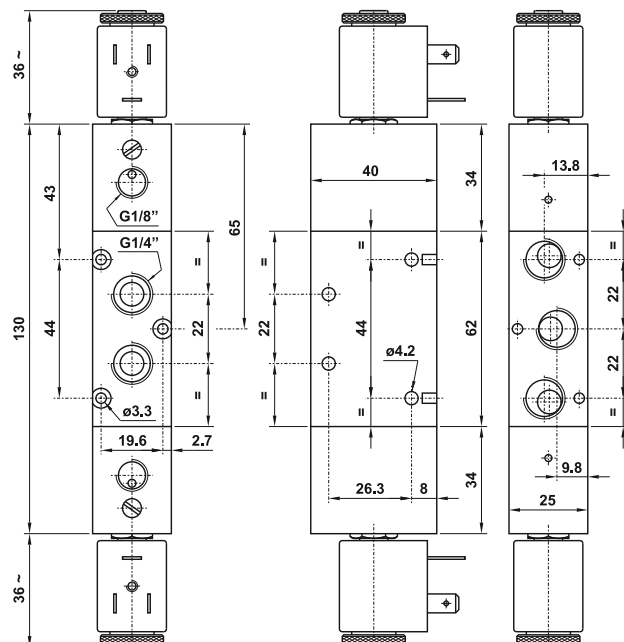
522 EE AS

5/2 1/4" doppio comando elettrico alimentazione separata

5/2 1/4" double solenoid pilot with separate air supply



SOLO VERSIONE IN ALLUMINIO
ONLY ALUMINIUM VERSION



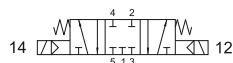
valvole ad azionamento elettropneumatico

solenoid actuated valves



5223C EE

centri chiusi
closed centres



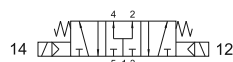
5223A EE

centri aperti
open centres



5223P EE

centri in pressione
pressurized centres

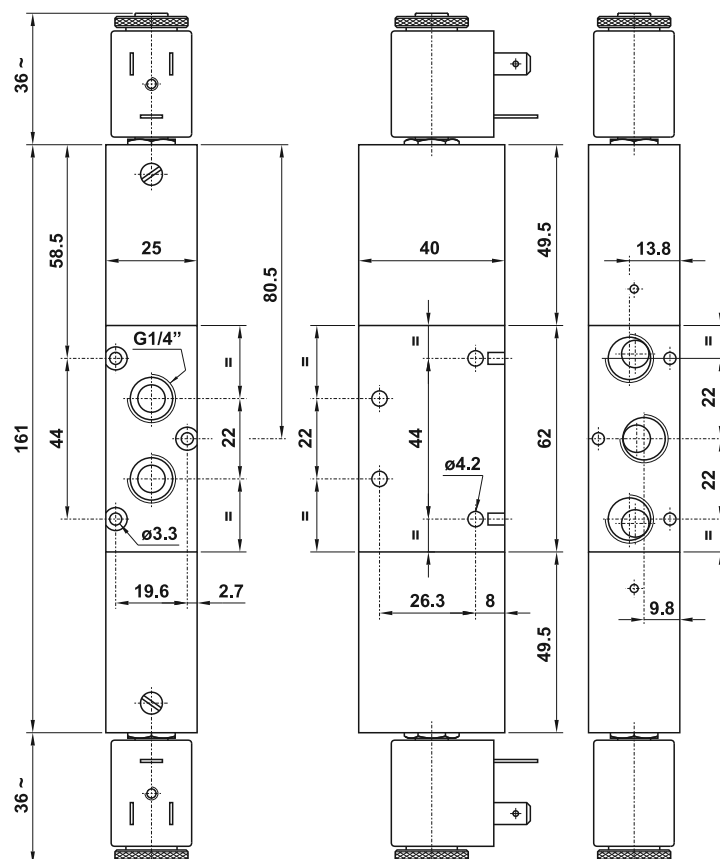


5/3 1/4" doppio comando elettrico

5/3 1/4" double solenoid pilot

SOLO VERSIONE IN ALLUMINIO

ONLY ALUMINIUM VERSION



5223C EE AS

centri chiusi
closed centres



5223A EE AS

centri aperti
open centres



5223P 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

SOLO VERSIONE IN ALLUMINIO

ONLY ALUMINIUM VERSION

