

 @gotrading GreatOrientalTrading 097-3619703 1049 ถ.ร่วมสุขุม ต.คลองหกว้า อ.หาดใหญ่ จ.สงขลา 90110 GreatOrientalTrading www.gotrading.co.th			Indice Valvole Valves Index 	
 LINEA 100 - Microvalvole, M5 - Raccordi automatici ø4mm LINE 100 - Microvalves, M5 - ø4mm Push-in fittings			2	
 LINEA 100 - Comandi a pannello LINE 100 - Panel actuators			9	
 LINEA 110 - Elettropiloti - G1/8" - Raccordo automatico ø4mm LINE 110 - Solenoid valves and pneumatic valves			12	
 LINEA 115 - Valvole 18mm a comando elettropneumatico e pneumatico LINE 115 - 18mm solenoid valves and pneumatic valves			16	
 LINEA 120 - Valvole in Tecnopolimero G1/8" - 22mm ad uso singolo LINE 120 - Technopolymer valves G1/8" - 22mm size for single use			22	
 LINEA 125 - Valvole in Tecnopolimero G7/8"-G1/4"-ø8 ad uso singolo e batteria LINE 125 - Technopolymer valves G1/8"-G1/4"-ø8, for single usage and battery assembly			42	
 LINEA 127 - Valvole in metallo G1/8"-G1/4" ad uso singolo e batteria LINE 127 - Metal valves G1/8"-G1/4" for single usage and battery assembly			54	
 LINEA 120-125-127 -Collettori per valvole G1/8"-G1/4" LINE 120-125-127 -Manifold bars for G1/8"-G1/4" valves			76	
 LINEA 120-125-127 - Comandi manuali a pannello LINE 120-125-127 - Panel mounting actuators			77	
 LINEA 130 - Valvole in metallo G1/2" ad uso singolo e batteria a comando LINE 130 - Metal valves G1/2" for single and manifold usage			80	
 LINEA 130 - Valvole ISO 5599/1 - Valvole Namur LINE 130 - ISO 5599/1 Valves - Namur valves			90	
 LINEA 120-125-127-130 - Bobine e connettori LINE 120-125-127-130 - Coils and connectors			96	
 LINEA 130 - Valvole manuali a leva rotante LINE 130 - Hand switch valves			97	
 LINEA 140 - Valvole a pedale pneumatiche ed elettriche LINE 140 - Pneumatic and electric pedal valves			99	
 LINEA 150 - Valvole a sistema integrato multipolare "SIM" LINE 150 - Valves with integrated multipole system "SIM"			101	
 LINEA 160 - Isole di valvole multipolari LINE 160 - Multipole valve islands			116	

Microvalvole
MicrovalvesGuida alle referenze
Guide to references

MV AU4 15 3 PU ML NC P

Prodotto
ProductMV = Microvalvola
MicrovalveConnessione
Connection

AU4 = Raccordi automatici ø4mm
ø4mm Push-in Fittings
M5 = M5
AL4 = Raccordi automatici ø4mm
(laterali)
ø4mm push-in fittings (side
ports)
ML5 = M5 (laterali - side ports)

Taglia
Body width

15 = 15 mm

Funzione
Function

2 = 2/2
3 = 3/2

Azionamento
Operation

PU = Puntale - Pushrod
PP = Puntale passa-parete - Through-wall pushrod
LT = Leva tasto - Push lever
RL = Leva rullo - Roller lever
RU = Leva rullo unidirezionale - Unidirectional roller lever
PB = Per comandi a pannello - For panel mounting actuators

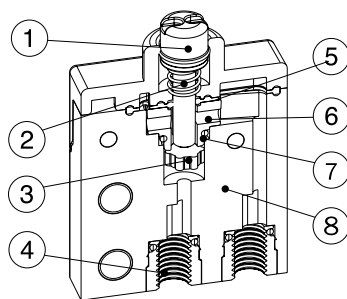
Materiale
MaterialP = Plastica
PlasticOpzione
Option

NC = Normalmente chiusa
Normally closed
NO = Normalmente aperta
Normally opened

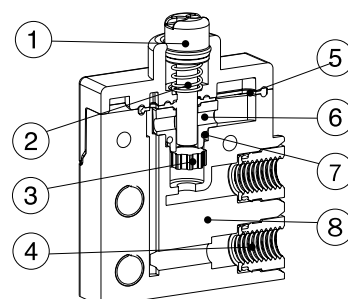
Ritorno
ReturnML = Molla
Spring

Le Microvalvole ad otturatore della Linea 100 sono disponibili in una vasta gamma di versioni e azionamenti per rispondere alle applicazioni più esigenti. Minimo ingombro, velocità e precisione del segnale sono alcune delle caratteristiche di questa serie che può essere fornita sia con connessione M5, che con raccordo automatico per tubo 4 mm, nelle versioni ad attacchi posteriori oppure laterali.

Line 100 poppet Microvalves are available in a wide range of versions and actuators in order to meet the most demanding applications requirements. Reduced dimensions, speed and signal precision represent some of the features of this Line, that can be supplied both with M5 connections and push-it fittings for pipe 4 mm, in the version with rear ports or side ports.

Materiali impiegati
Used materials

- ① PUNTALE: POM
- ② MOLLA PUNTALE: Acciaio INOX
- ③ GUARNIZIONE: NBR
- ④ INSERTI: Ottone OT 58
- ⑤ GUARNIZIONE: NBR
- ⑥ UGELLO: POM
- ⑦ O-RING: NBR
- ⑧ CORPO: POM



- ① PUSHROD: POM
- ② PUSHROD SPRING: Stainless steel
- ③ SEAL: NBR
- ④ INSERTS: OT 58 Brass
- ⑤ SEAL: NBR
- ⑥ NOZZLE: POM
- ⑦ O-RING: NBR
- ⑧ BODY: POM

Dati Tecnici

Costruzione: Microvalvola ad otturatore, 2/2 - 3/2, NC e NO
Fluido: Aria filtrata con o senza lubrificazione
Fissaggio: Mediante fori passanti sul corpo, in qualsiasi posizione
Tipo di connessione: M5 o Raccordi automatici ø4 mm
Diametro nominale: 2 mm
Pressione d'esercizio: 2÷10 Bar (0,20÷1,00 MPa)
Range di temperatura: -5÷50°C (23÷122°F)
Portata di riferimento (P=6 Bar - Δp=1 Bar): 75 Nl/min

Technical data

Construction: 2/2 - 3/2, NC and NO, poppet microvalve
Fluid: Filtered air with or without lubrication
Installation: Through holes in valve body, in any position
Connection type: M5 or ø4 mm Push-in fittings
Effective orifice: 2 mm
Working pressure: 2÷10 Bar (0,20÷1,00 MPa)
Temperature range: -5÷50°C (23÷122°F)
Reference flow rate (P=6 Bar - Δp=1 Bar): 75 Nl/min

100 MV M5-Ø4

Microvalvole a comando meccanico Mechanically operated Microvalves

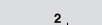
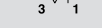
Dati Tecnici

Forza d'azionamento (a 6 Bar): 8 N
Peso: 0,024 Kg

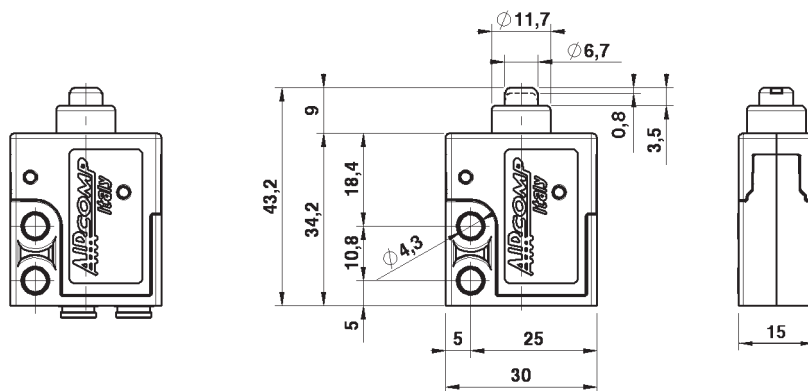
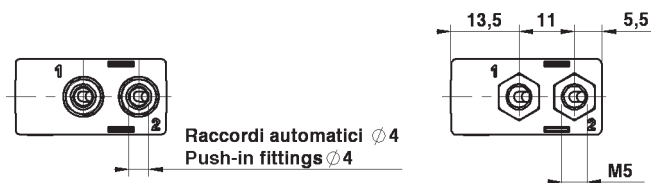
Technical data

Thrust force (6 Bar): 8 N
Weight: 0,024 Kg

Codici di ordinazione
Order codes

	CODE	REF.
	1000412001 1000492001	MV M5 15 2 PU ML NC P MV AU4 15 2 PU ML NC P
	1000413001 1000493001	MV M5 15 3 PU ML NC P MV AU4 15 3 PU ML NC P
	1000413002 1000493002	MV M5 15 3 PU ML NO P MV AU4 15 3 PU ML NO P

Microvalvole 2/2 - 3/2 a puntale
2/2 - 3/2 Pushrod Microvalves



AU4 VERSION

M5 VERSION

Dati Tecnici

Forza d'azionamento (a 6 Bar): 8 N
Peso: 0,024 Kg

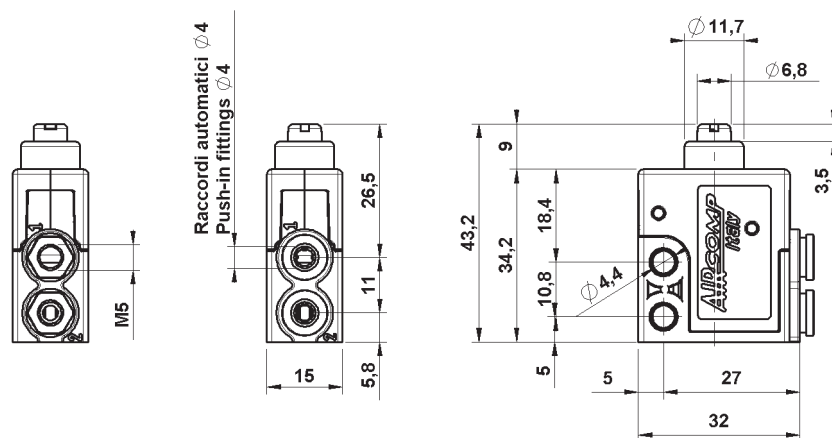
Technical data

Thrust force (6 Bar): 8 N
Weight: 0,024 Kg

Codici di ordinazione
Order codes

	CODE	REF.
	1000412101 1000492101	MV ML5 15 2 PU ML NC P MV AL4 15 2 PU ML NC P
	1000413101 1000493101	MV ML5 15 3 PU ML NC P MV AL4 15 3 PU ML NC P
	1000413102 1000493102	MV ML5 15 3 PU ML NO P MV AL4 15 3 PU ML NO P

Microvalvole 2/2 - 3/2 a puntale con uscite laterali
2/2 - 3/2 Pushrod Microvalves with side ports



ML5 VERSION

AL4 VERSION

Dati Tecnici

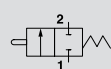
Forza d'azionamento (a 6 Bar): 8 N
Peso: 0,029 Kg

Technical data

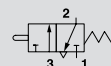
Thrust force (6 Bar): 8 N
Weight: 0,029 Kg

Codici di ordinazione

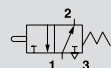
Order codes



CODE	REF.
1000412004	MV M5 15 2 PP ML NC P
1000492004	MV AU4 15 2 PP ML NC P



1000413007	MV M5 15 3 PP ML NC P
1000493007	MV AU4 15 3 PP ML NC P

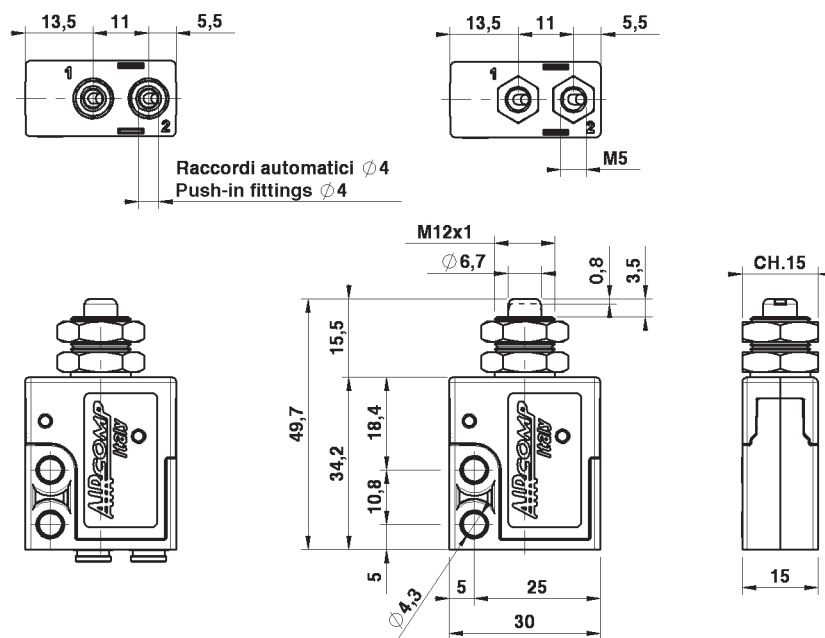


1000413008	MV M5 15 3 PP ML NO P
1000493008	MV AU4 15 3 PP ML NO P

100 MV M5-Ø4

Microvalvole a comando manuale
Manually operated Microvalves

Microvalvole 2/2 - 3/2 a puntale passa-parete
2/2 - 3/2 Through-wall pushrod Microvalves



AU4 VERSION

M5 VERSION

Dati Tecnici

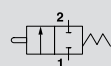
Forza d'azionamento (a 6 Bar): 8 N
Peso: 0,029 Kg

Technical data

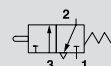
Thrust force (6 Bar): 8 N
Weight: 0,029 Kg

Codici di ordinazione

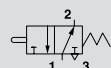
Order codes



CODE	REF.
1000412104	MV ML5 15 2 PP ML NC P
1000492104	MV AL4 15 2 PP ML NC P

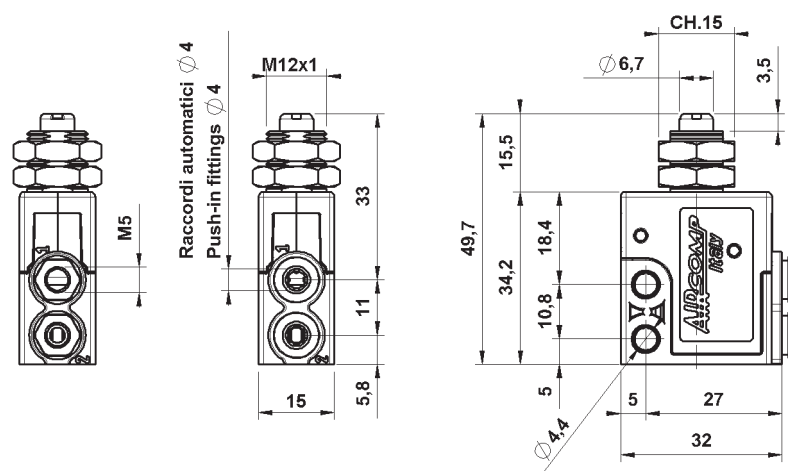


1000413107	MV ML5 15 3 PP ML NC P
1000493107	MV AL4 15 3 PP ML NC P



1000413108	MV ML5 15 3 PP ML NO P
1000493108	MV AL4 15 3 PP ML NO P

Microvalvole 2/2 - 3/2 a puntale passa-parete con uscite laterali
2/2 - 3/2 Through-wall pushrod Microvalves with side ports



ML5 VERSION

AL4 VERSION

Dati Tecnici

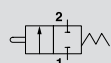
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,028 Kg

Technical data

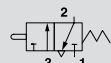
Thrust force (6 Bar): 6 N
Weight: 0,028 Kg

Codici di ordinazione

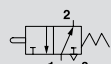
Order codes



CODE	REF.
1000412006	MV M5 15 2 LT ML NC P
1000492006	MV AU4 15 2 LT ML NC P



1000413011	MV M5 15 3 LT ML NC P
1000493011	MV AU4 15 3 LT ML NC P

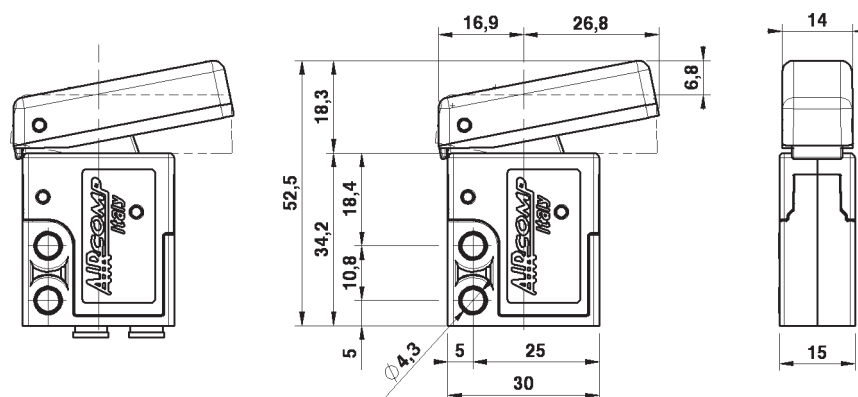
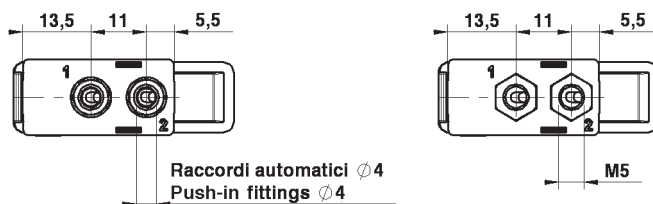


1000413012	MV M5 15 3 LT ML NO P
1000493012	MV AU4 15 3 LT ML NO P

100 MV M5-Ø4

Microvalvole a comando manuale
Manually operated Microvalves

Microvalvole 2/2 - 3/2 con leva-tasto
2/2 - 3/2 Push lever Microvalves



AU4 VERSION

M5 VERSION

Dati Tecnici

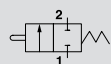
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,028 Kg

Technical data

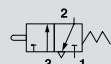
Thrust force (6 Bar): 6 N
Weight: 0,028 Kg

Codici di ordinazione

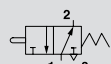
Order codes



CODE	REF.
1000412106	MV ML5 15 2 LT ML NC P
1000492106	MV AL4 15 2 LT ML NC P

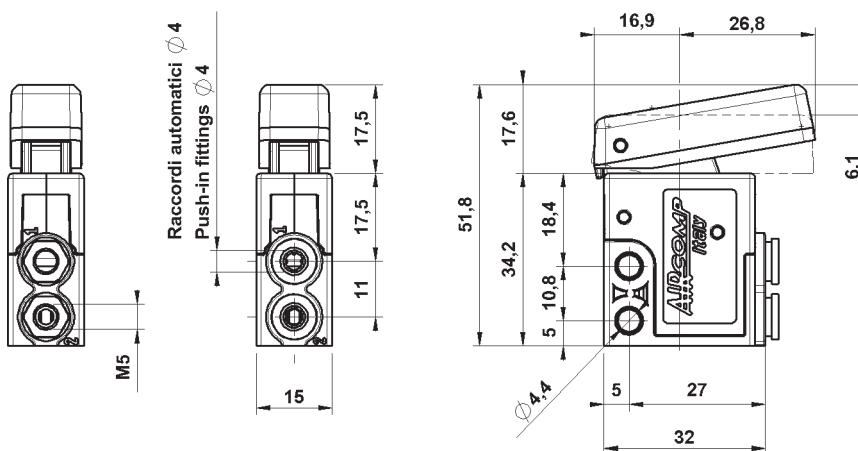


1000413111	MV ML5 15 3 LT ML NC P
1000493111	MV AL4 15 3 LT ML NC P



1000413112	MV ML5 15 3 LT ML NO P
1000493112	MV AL4 15 3 LT ML NO P

Microvalvole 2/2 - 3/2 con leva-tasto e uscite laterali
2/2 - 3/2 Push lever Microvalves with side ports



ML5 VERSION

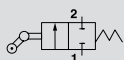
AL4 VERSION

Dati Tecnici

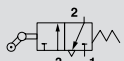
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,031 Kg

Technical data

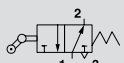
Thrust force (6 Bar): 6 N
Weight: 0,031 Kg

Codici di ordinazione
Order codes

CODE	REF.
1000412003	MV M5 15 2 RU ML NC P
1000492003	MV AU4 15 2 RU ML NC P



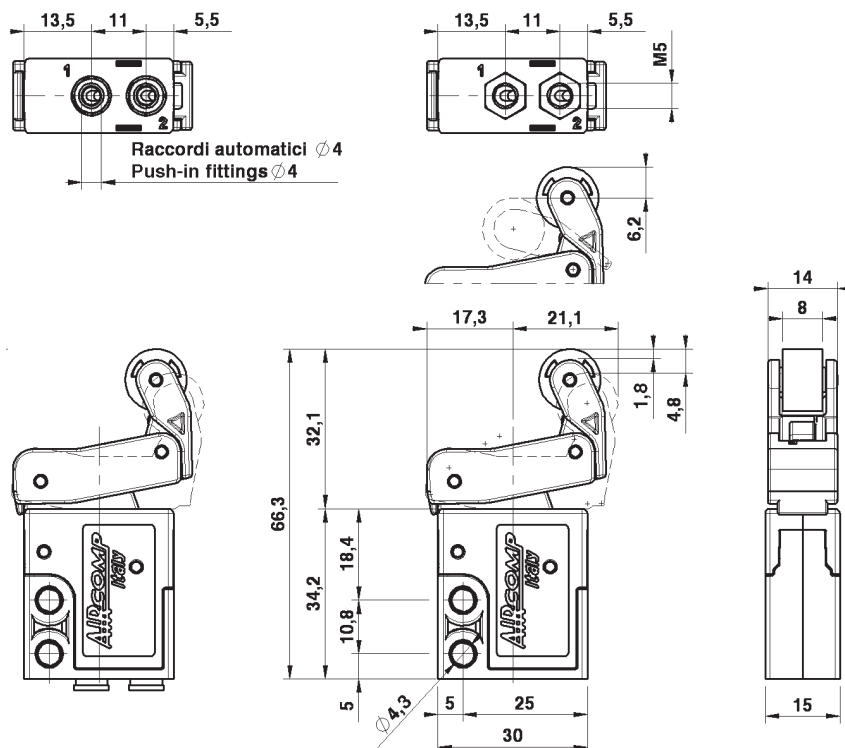
1000413005	MV M5 15 3 RU ML NC P
1000493005	MV AU4 15 3 RU ML NC P



1000413006	MV M5 15 3 RU ML NO P
1000493006	MV AU4 15 3 RU ML NO P

Microvalvole a comando meccanico
Mechanically operated Microvalves

Microvalvole 2/2 - 3/2 a leva rullo unidirezionale
2/2 - 3/2 Unidirectional roller lever Microvalves



AU4 VERSION

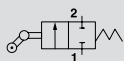
M5 VERSION

Dati Tecnici

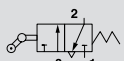
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,031 Kg

Technical data

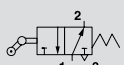
Thrust force (6 Bar): 6 N
Weight: 0,031 Kg

Codici di ordinazione
Order codes

CODE	REF.
1000412103	MV ML5 15 2 RU ML NC P
1000492103	MV AL4 15 2 RU ML NC P

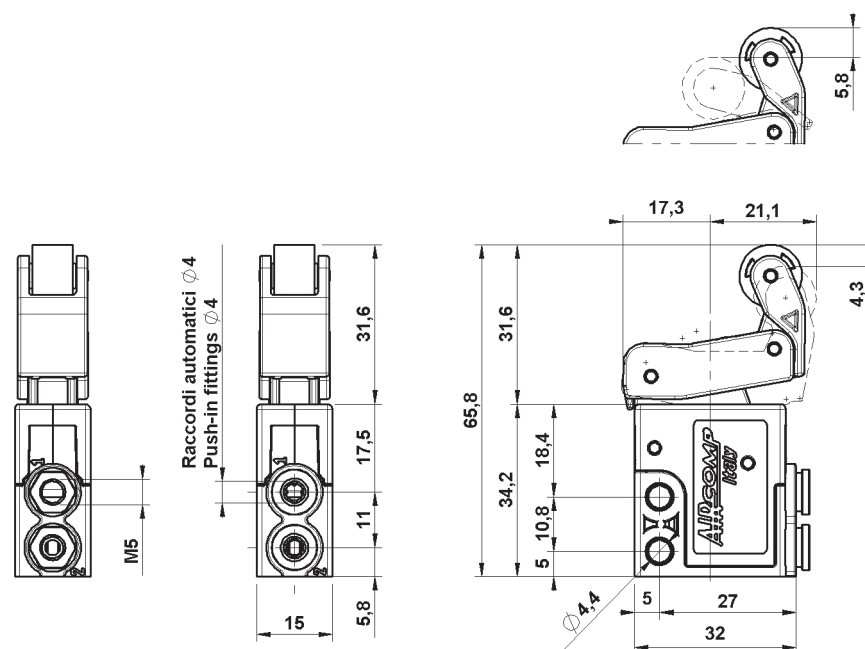


1000413105	MV ML5 15 3 RU ML NC P
1000493105	MV AL4 15 3 RU ML NC P



1000413106	MV ML5 15 3 RU ML NO P
1000493106	MV AL4 15 3 RU ML NO P

Microvalvole 2/2 - 3/2 a leva rullo unidirezionale con uscite laterali
2/2 - 3/2 Unidirectional roller lever Microvalves with side ports



ML5 VERSION

AL4 VERSION

100 MV M5-Ø4

Microvalvole a comando meccanico Mechanically operated Microvalves

Dati Tecnici

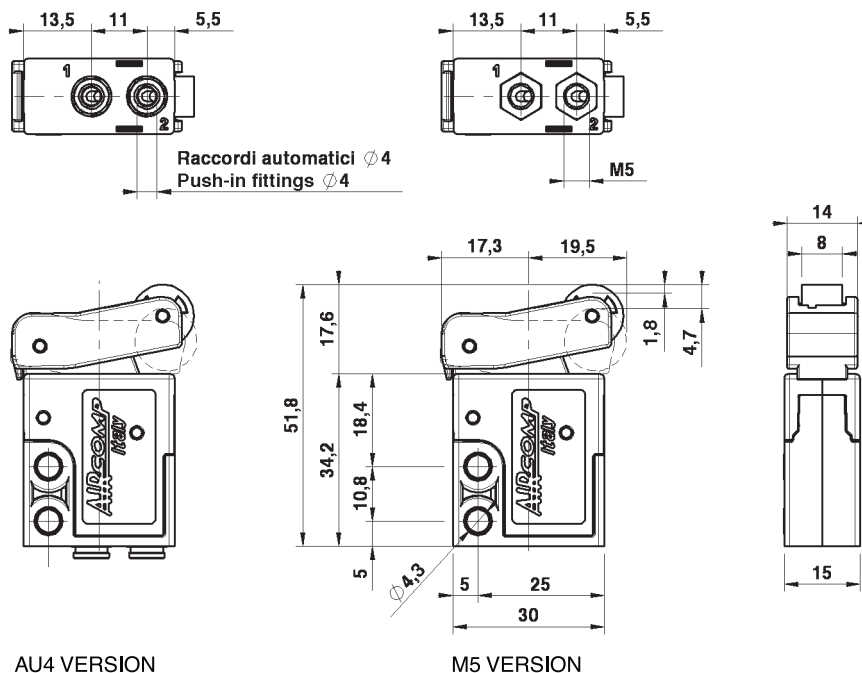
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,027 Kg

Technical data

Thrust force (6 Bar): 6 N
Weight: 0,027 Kg

Codici di ordinazione
Order codes

	CODE	REF.
	1000412002 1000492002	MV M5 15 2 RL ML NC P MV AU4 15 2 RL ML NC P
	1000413003 1000493003	MV M5 15 3 RL ML NC P MV AU4 15 3 RL ML NC P
	1000413004 1000493004	MV M5 15 3 RL ML NO P MV AU4 15 3 RL ML NO P



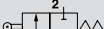
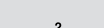
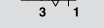
Dati Tecnici

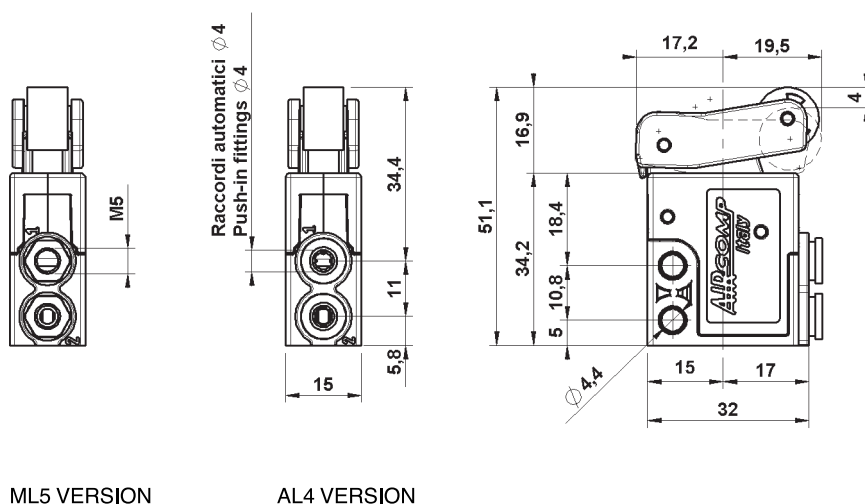
Forza d'azionamento (a 6 Bar): 6 N
Peso: 0,027 Kg

Technical data

Thrust force (6 Bar): 6 N
Weight: 0,027 Kg

Codici di ordinazione
Order codes

	CODE	REF.
	1000412102 1000492102	MV ML5 15 2 RL ML NC P MV AL4 15 2 RL ML NC P
	1000413103 1000493103	MV ML5 15 3 RL ML NC P MV AL4 15 3 RL ML NC P
	1000413104 1000493104	MV ML5 15 3 RL ML NO P MV AL4 15 3 RL ML NO P

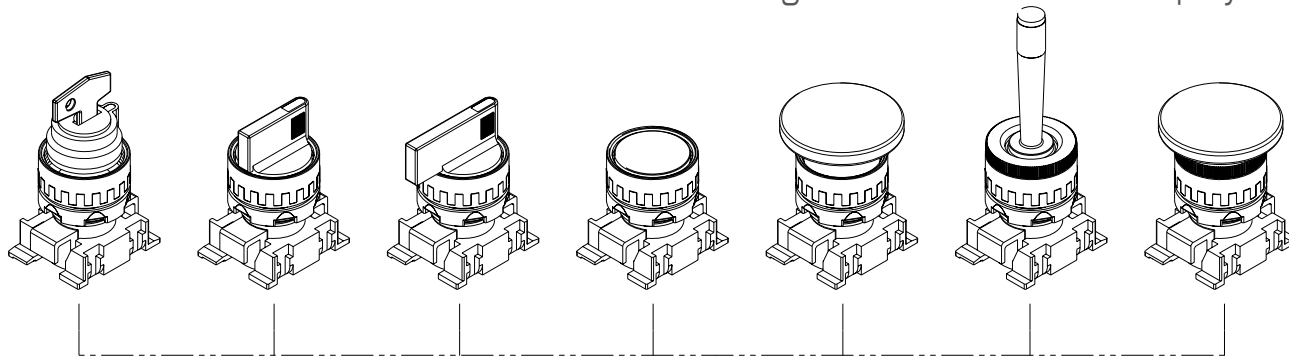


Line

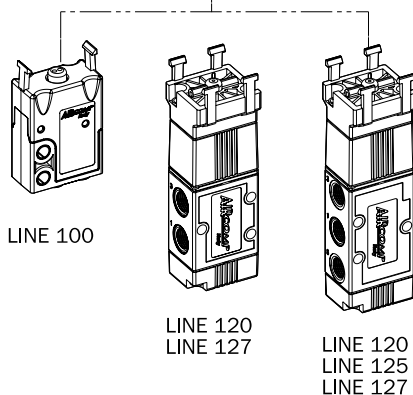
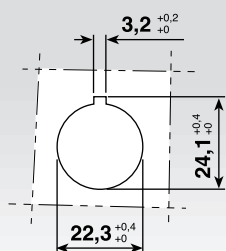
100-120-125-127

AIRCOMP

Comandi a pannello con corpo in tecnopolimero
Panel mounting actuators with technopolymer body



Misure di foratura
Drilling measures



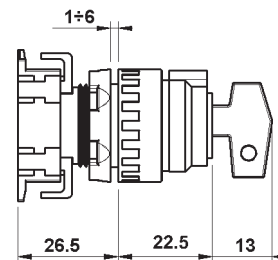
NB: I codici e le caratteristiche delle microvalvole linea 100 per comandi manuali a pannello, sono consultabili a pagina 8.

NB: For codes and features of microvalves line 100 with manual panel mounting actuator, refer to page 8.

Selettore a chiave 2 posizioni. Corpo in tecnopolimero, elemento frontale rotondo.
2 Positions key selector. Technopolymer body, round front element.



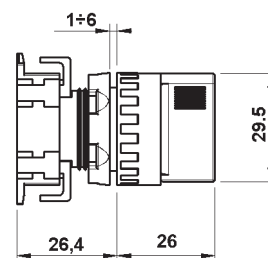
POSITION	CODE	REF.
	1003A00031	SELETTORE RT201N



Selettore a leva corta 2 - 3 posizioni. Corpo in tecnopolimero, elemento frontale rotondo.
2 - 3 Positions short lever selector. Technopolymer body, round front element.



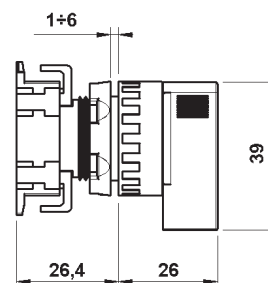
POSITION	CODE	REF.
	1003A00032	SELETTORE RT300N
	1003A00033	SELETTORE RT350N
	1003A00034	SELETTORE RT313N
	1003A00035	SELETTORE RT383N



Selettore a leva lunga 2 - 3 posizioni.
Corpo in tecnopolimero, elemento
frontale rotondo.
2 - 3 Positions long lever selector.
Technopolymer body, round front
element.



POSITION	CODE	REF.
	1003A00036	SELETTORE RT400N
	1003A00037	SELETTORE RT450N
	1003A00038	SELETTORE RT413N
	1003A00039	SELETTORE RT483N

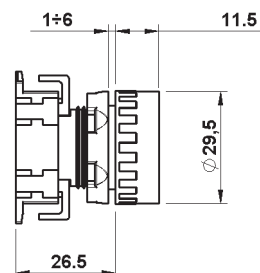


Pulsante protetto. Corpo in
tecnopolimero, elemento frontale
rotondo.
Protected push button. Technopolymer
body, round front element.



COLOR	CODE	REF.
-	1003A00040	PULSANTE RT010 ^(*)
bianco-white	1003A00047	PIASTRINA BIANCA - WHITE COVER
nero-black	1003A00048	PIASTRINA NERA - BLACK COVER
rosso-red	1003A00049	PIASTRINA ROSSA - RED COVER
blu-blue	1003A00019	PIASTRINA BLU - BLUE COVER
giallo-yellow	1003A00020	PIASTRINA GIALLA - YELLOW COVER
verde-green	1003A00021	PIASTRINA VERDE - GREEN COVER

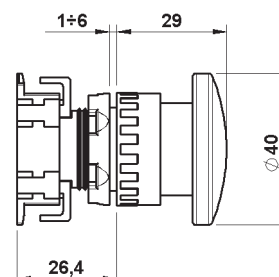
^(*)Fornito senza piastrina
^(*)Provided without cover



Fungo assiale ad impulso. Corpo in
tecnopolimeri frontale rotondo.
Axial mushroom. Technopolymer
body, round front element.



COLOR	CODE	REF.
rosso-red	1003A00041	FUNGO RT050R
nero-black	1003A00042	FUNGO RT050N

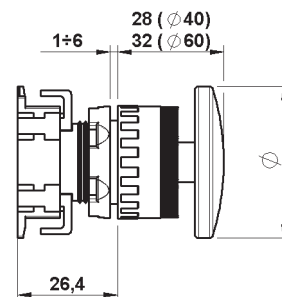


Fungo assiale con sblocco. Corpo in tecnopolimero, elemento frontale rotondo.

Axial mushroom with turn reset.
Technopolymer body, round front element.



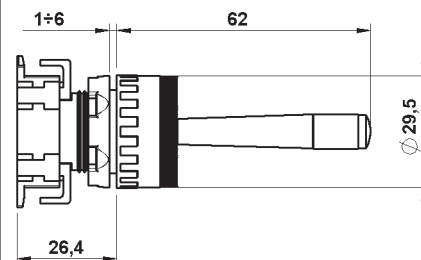
COLOR	CODE	REF.	DIAM.
rosso-red	1003A00052	FUNGO RT 06SR-40	40 mm
rosso-red	1003A00057	FUNGO RT 06SR-60	60 mm



Leva oscillante. Corpo in tecnopolimero, elemento frontale rotondo.
Multi-directional lever. Technopolymer body, round front element.



COLOR	CODE	REF.
rosso-red	1003A00046	LEVA RT054R

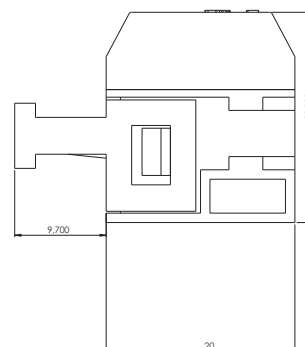


Contatto elettrico* per comando a pannello.
Electrical switch* for panel actuator.



COLOR	CODE
rosso-red	1003A00050 CONTATTO NC
verde-green	1003A00051 CONTATTO NC

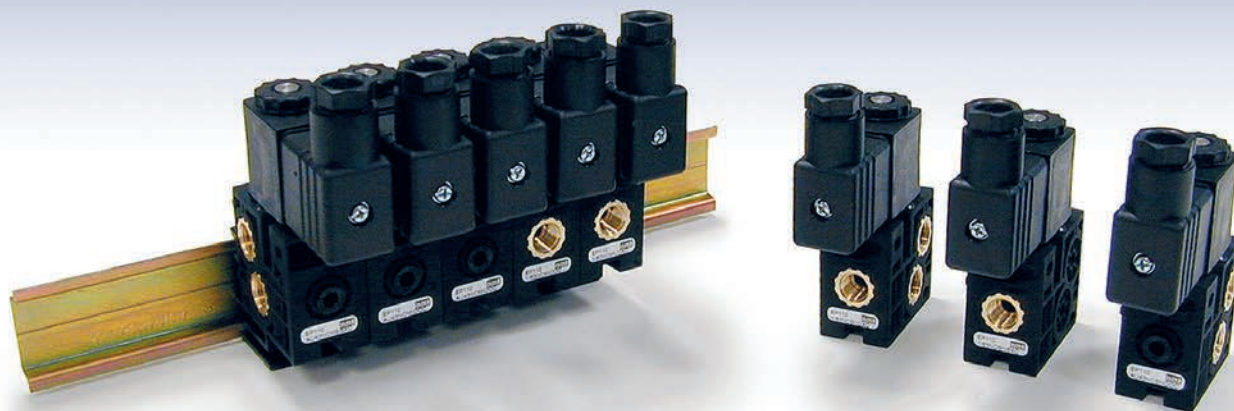
* Compatibile solo su linea 100.
* Suitable for line 100 only.



Line

110 1/8" - ø4

AIRCOMP

Elettropiloti
Solenoid valves

Dati tecnici - Technical data

Fluido - Fluid	Aria filtrata con o senza lubrificazione - Filtered air with or without lubrication
Temperatura d'esercizio - Working temperature	-5÷50°C (23÷122°F)
Pressione d'esercizio - Working pressure	vuoto/vacuum ÷10 Bar/1,00 MPa
Lubrificazione - Lubrication	non necessaria - not necessary
Tipo di azionamento manuale - Manual override type	bistabile - bistable
Portata di riferimento - Reference flow rate	55 NI/min (P=6 Bar - Δp=1 Bar)
Materiali - Materials	PBT, acciaio inox, ottone, NBR, POM, FPM PBT, stainless steel, brass, NBR, POM, FPM
Peso - Weight	0,08 Kg

Guida alle referenze
Guide to references

EP110 1/8 3 NC SN OO C

Prodotto
Product

EP110 = Elettropilota serie 110
Line 110 solenoid valve

Connessione
Connection

1/8 = G1/8"
AU4 = Raccordi automatici ø4mm
ø4mm Push-in fittings

Funzione
Function

3 = 3/2
2 = 2/2

Tipo
Type

NC = Normalmente chiuso
Normally closed

NO = Normalmente aperto
Normally opened

Comando
Actuation

C = Con comando manuale
With manual override

N = Senza comando manuale
Without manual override

Alimentazione
Inlet side

SX = Sinistro
Left

DX = Destro
Right

OO = Sinistro e destro
Left and right

Configurazione
Configuration

SN = Elettropilota singolo
Single solenoid

MI = Modulo intermedio
Intermediate unit

ME = Modulo di entrata
Inlet unit

MU = Modulo in uscita
Outlet unit

L'elettropilota Aircomp Serie 110 è stato concepito per offrire la massima versatilità d'impiego e soddisfare quindi le molteplici esigenze applicative richieste dal mercato. Le batterie di EP modulari possono essere composte di elettropiloti 3/2, sia normalmente chiusi (NC) che normalmente aperti (NO), con l'indubbio vantaggio di concentrare tutte le funzioni in un unico gruppo valvole.

Lo scarico convogliato dell'elettropilota inoltre, evita i problemi legati all'immissione nell'ambiente di aria carica d'impurità e condensa, così dannose per i componenti elettrici che talvolta sono inevitabilmente montati accanto alle valvole.

Le batterie infine, possono essere fissate grazie ai fori predisposti sul corpo di ogni elettropilota, oppure attraverso un'apposita staffa che permette l'aggancio ad una barra "omega" DIN EN50022 35mm.

Aircomp Solenoid Valve Line 110 has been designed in order to offer the greatest versatility in use and thus, satisfy the several application requirements that market demands.

The battery assembly of modular Solenoid Valves can consist of Solenoid Valves 3/2 both normally closed (NC) and normally open (NO), providing the undoubted advantage of concentrating all functions in one single valve battery.

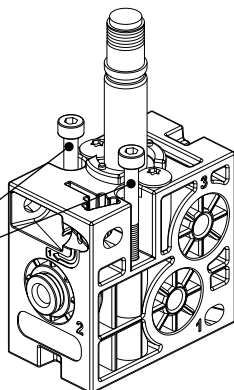
Moreover, the common exhaust of this Solenoid Valve avoids problems relating to the emission into the environment of air charged with impurity and condensate, then affecting deeply the electric components that are necessarily mounted near the valves.

The batteries can be mounted through the preset holes on the body of each Solenoid Valve, or through a proper bracket enabling the coupling to an omega rail DIN EN50022 35 mm.

Elettropilota Singolo
Single Solenoid valveElettropilota singolo
Single solenoid valve

FISSAGGIO: con viti 3x30; oppure su barra omega DIN EN50022 (35mm) con l'ausilio del kit di staffaggio, venduto separatamente (pag.6).

FIXING: with screws 3x30; or to rail DIN EN50022 (35mm) by means of a mounting kit, that is separately supplied (see page 6).



CORPO: disponibile in tre versioni;
1) **SX** - con inserti G1/8" sul lato sinistro
2) **DX** - con inserti G1/8" sul lato destro
3) **OO** - con inserti G1/8" su entrambe i lati

BODY: available in three versions;
1) **SX** - with inserts on left side
2) **DX** - with inserts on right side
3) **OO** - with inserts on both sides

BOBINE: disponibili in diversi voltaggi
(pagina 6);
AC 24V, 110V, 220V
DC 12V, 24V

COILS: Available in different voltages
(see page 6);
AC 24V, 110V, 220V
DC 12V, 24V

AZIONAMENTO MANUALE: bistabile.
MANUAL ACTUATION: bistable.

CONNESSIONE D'UTILIZZO:
disponibile in due versioni;
1) **AU4** - raccordi automatici Ø4mm
2) **1/8** - G1/8"

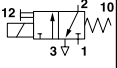
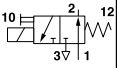
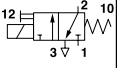
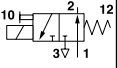
OUTLET PORT: available in two versions:
1) **AU4** - push-in fittings Ø4mm
2) **1/8** - G1/8"

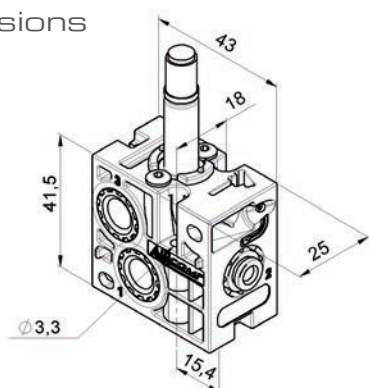
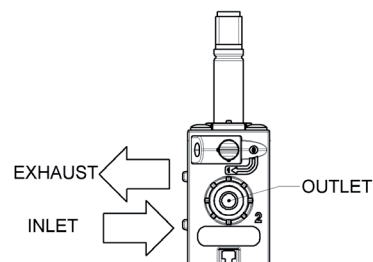
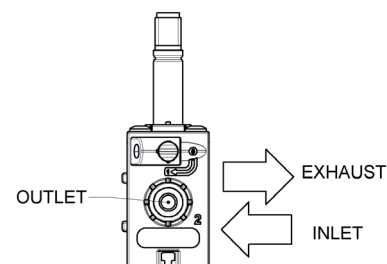
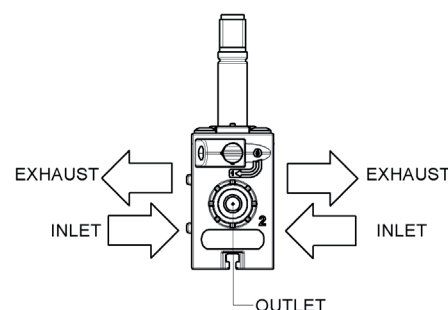
COPPIA DI SERRAGGIO MASSIMA:
1÷1,2 N·m.

MAX. TORQUE: 1÷1,2 N·m.

Codici di ordinazione
Order codes

Elettropilota singolo - Single solenoid valve

DESCRIPTION	CODE	REF.
	1103023001	EP110 1/8 3 NC SN SX C
	1103023002	EP110 1/8 3 NC SN DX C
	1103023003	EP110 1/8 3 NC SN OO C
	1103023004	EP110 1/8 3 NO SN SX C
	1103023005	EP110 1/8 3 NO SN DX C
	1103023006	EP110 1/8 3 NO SN OO C
	1103093001	EP110 AU4 3 NC SN SX C
	1103093002	EP110 AU4 3 NC SN DX C
	1103093003	EP110 AU4 3 NC SN OO C
	1103093004	EP110 AU4 3 NO SN SX C
	1103093005	EP110 AU4 3 NO SN DX C
	1103093006	EP110 AU4 3 NO SN OO C

Dimensioni
DimensionsVersioni disponibili
Available versionsVERSIONE "SX"
"SX" VERSIONVERSIONE "DX"
"DX" VERSIONVERSIONE "OO"
"OO" VERSION

Line

110 1/8" - Ø4

Elettropilota modulare Modular solenoid valve

AIRCOMP

Elettropiloti modulari
Modular solenoid valves

MODULO SINISTRO
LEFT UNIT

MODULI INTERMEDI
INTERMEDIATE UNIT

MODULO DESTRO
RIGHT UNIT

KIT ASSEMBLAGGIO PER BATTERIE CON PRESSIONI DIFFERENZIALI (codice 1130C00002): per alimentazione con due pressioni differenti.

ASSEMBLING KIT FOR BATTERIES HAVING DIFFERENT INLET PRESSURES (art. 1130C00002): it allows using the same battery with two different inlet pressures.

Ogni batteria può essere composta da elettropiloti 3/2 e 2/2, sia in configurazione NC che NO.

Each battery can consist of solenoid valves 3/2 and 2/2, both in NC and NO configuration.

KIT ASSEMBLAGGIO PER BATTERIE (codice 1130C00001)

BATTERY ASSEMBLING KIT (art. 1130C00001)

Coppia di serraggio:
1÷1,2 Nm
Max torque: 1÷1,2 Nm

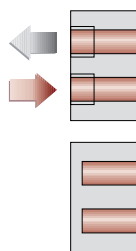
SCARICO CONVOGLIATO:
semplifica le operazioni di collegamento pneumatico.

COMMON EXHAUST: it makes the pneumatic connection operations easier.

Elettropiloti per montaggio in batteria - Solenoid valves for battery assembly

① **MODULO SINISTRO - LEFT UNIT**
versioni disponibili - available types

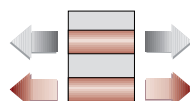
EP110 _ _ _ ME SX _



EP110 _ _ _ MU SX _



② **MODULO INTERMEDIO - INTERMEDIATE UNIT**

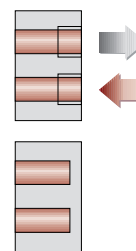


EP110 _ _ _ MI OO _

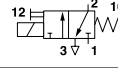
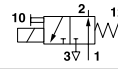
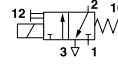
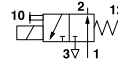


③ **MODULO DESTRO - RIGHT UNIT**
versioni disponibili - available types

EP110 _ _ _ ME DX _



EP110 _ _ _ MU DX _

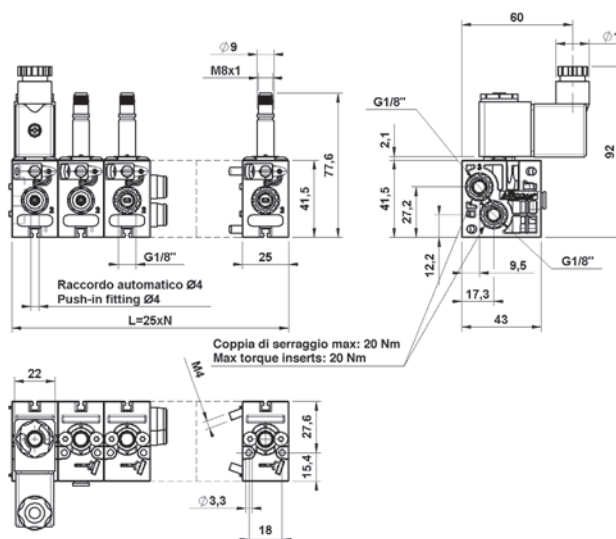
① MODULO SINISTRO - LEFT UNIT			② MODULO INTERMEDIO - INTERMEDIATE UNIT			③ MODULO DESTRO - RIGHT UNIT		
DESCRIPTION	CODE	REF.	CODE	REF.		CODE	REF.	
 3/2 NC G1/8"	1103023009	EP110 1/8 3 NC ME SX C	1103023007	EP110 1/8 3 NC MI OO C		1103023011	EP110 1/8 3 NC ME DX C	
	1103023013	EP110 1/8 3 NC MU SX C				1103023015	EP110 1/8 3 NC MU DX C	
 3/2 NO G1/8"	1103023010	EP110 1/8 3 NO ME SX C	1103023008	EP110 1/8 3 NO MI OO C		1103023012	EP110 1/8 3 NO ME DX C	
	1103023014	EP110 1/8 3 NO MU SX C				1103023016	EP110 1/8 3 NO MU DX C	
 3/2 NC AU4	1103093009	EP110 AU4 3 NC ME SX C	1103093007	EP110 AU4 3 NC MI OO C		1103093011	EP110 AU4 3 NC ME DX C	
	1103093013	EP110 AU4 3 NC MU SX C				1103093015	EP110 AU4 3 NC MU DX C	
 3/2 NO AU4	1103093010	EP110 AU4 3 NO ME SX C	1103093008	EP110 AU4 3 NO MI OO C		1103093012	EP110 AU4 3 NO ME DX C	
	1103093014	EP110 AU4 3 NO MU SX C				1103093016	EP110 AU4 3 NO MU DX C	
 1130C00001	1130C00001	Kit assemblaggio batterie Battery assembling kit						
	1130C00002	Kit assemblaggio batterie (pressioni differenziate) Battery assembling kit (different pressures)						

Line

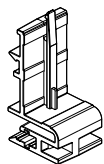
110 1/8" - Ø4

Dimensioni Dimensions

AIRCOMP



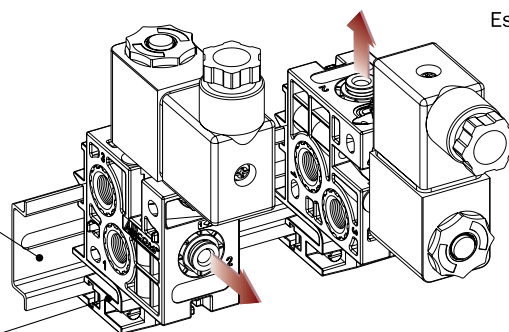
Kit staffaggio su barra DIN EN50022 (35mm)
Mounting kit for rail DIN EN50022 (35mm)



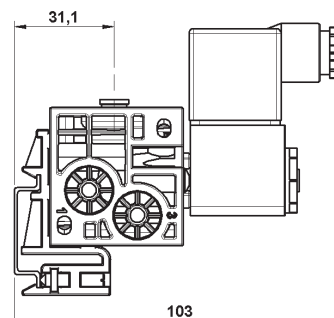
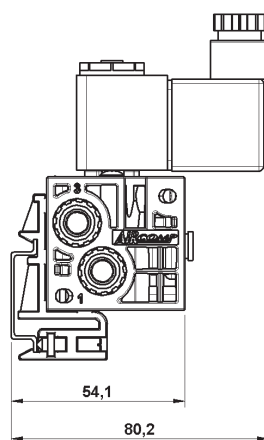
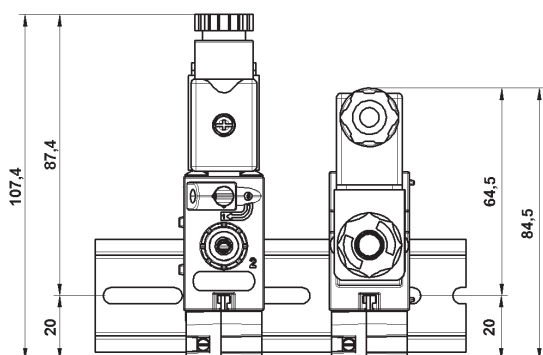
CODICE-CODE REF.
1130C00003 Kit di fissaggio su barra DIN
Mounting kit for DIN rail

Barra DIN EN50022 (35mm)
DIN EN50022 rail (35mm).

Kit di fissaggio su barra DIN: utile per il fissaggio su barra DIN, di elettropiloti in configurazione singola o in batterie.
DIN rail mounting kit: it is useful for mounting solenoid valves, either in single or battery configuration, on DIN rail.



Esempi di montaggio
Mounting example

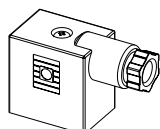


Ghiera fissaggio bobina
Coil fixing unit



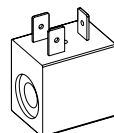
CODICE REF.
1311A00015 Ghiera di fissaggio aperta
Open fixing nut

Connettore
Connector



CODICE REF.
A502600010 CONNECTOR SP. 22 mm

Bobina 22mm
22mm Coil



CODICE REF.
A502600018 BOBINA (COIL) DC12V
A502600006 BOBINA (COIL) DC24V
A502600007 BOBINA (COIL) AC24V 50/60HZ
A502600008 BOBINA (COIL) AC110V 50/60HZ
A502600009 BOBINA (COIL) AC220V 50/60HZ

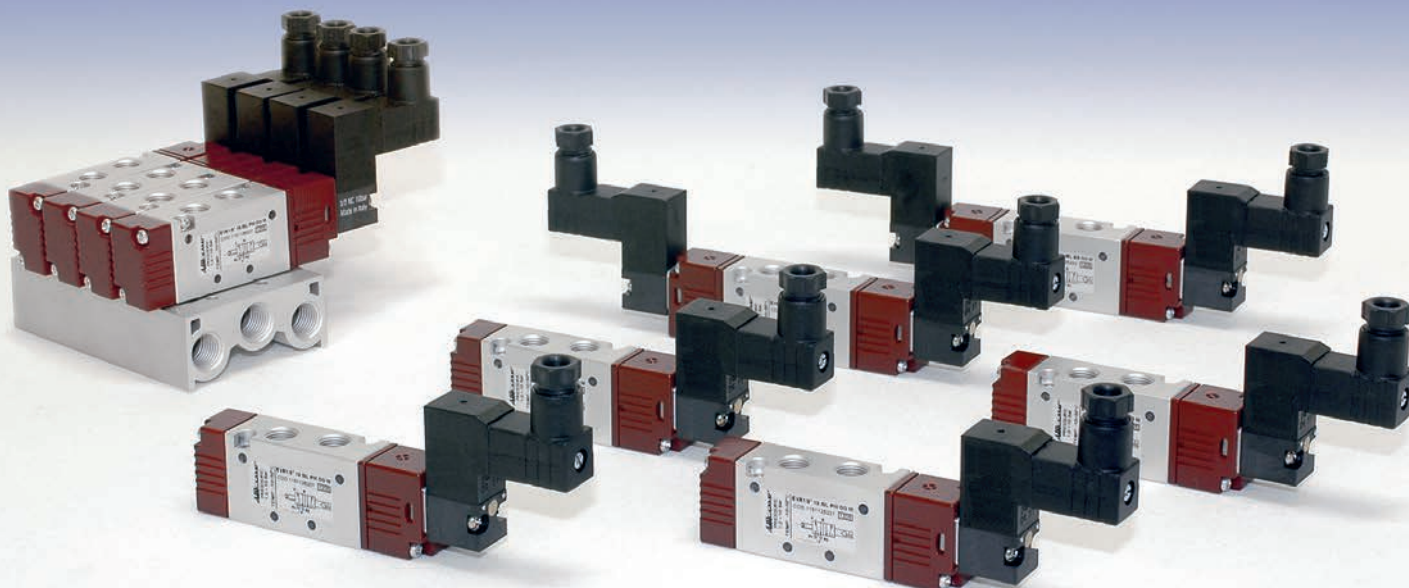
PER CONNETTORI LUMINOSI E PRECABLATI, VEDERE PAG. 96
FOR LED CONNECTORS AND PRE-CABLED, PLEASE SEE PAGE 96

Line

115 1/8"

AIRCOMP

Valvole taglia 18 mm
Valves size 18 mm



Guida alle referenze Guide to references

EVR 1/8" 18 5 SL PM OO M

Prodotto
Product
EVR = Elettrovalvole
Solenoid valves
VPR = Valvole pneumatiche
Pneumatic valves

Connessione
Connection
1/8" = G1/8"

Taglia
Body width
18 = 18 mm

Funzione
Function
5 = 5/2
6 = 5/3

Azionamento
Operation
PN = Pneumatico
Pneumatic
SL = Elettro-pneumatico
Solenoid
SA = Elettro-pneumatico assistito
Assisted solenoid

Materiale
Material
M = Metallo
Metal

Opzione
Option
CC = Centri chiusi
Closed centres
CA = Centri aperti
Opened centres
CP = Centri in pressione
Pressure centres
OO = 5/2

Ritorno
Return
ML = Molla
Spring
PM = Pneumo-meccanico
Pneum. mech. spring
BS = Bistabile
Bistable
RC = Ritorno al centro
Return to centre

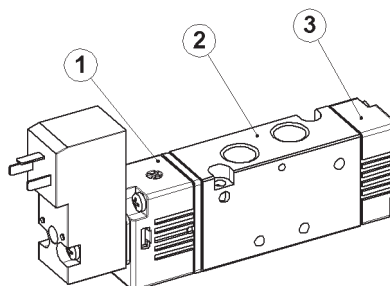
Le soluzioni tecniche adottate e i materiali impiegati nella realizzazione delle valvole Linea 115, hanno permesso di ottenere un prodotto ad elevate prestazioni funzionali, con dimensioni particolarmente contenute.

Queste valvole taglia 18mm sono disponibili con azionamento pneumatico ed elettropneumatico, nelle configurazioni 5/2 e 5/3, impiegabili sia singolarmente che su sottobase. Nella versione elettropneumatica, l'azionamento della spola avviene attraverso l'impiego di elettropiloti da 15mm, che permettono un sensibile contenimento degli assorbimenti elettrici. Le valvole vengono fornite complete di parte elettrica, senza connettori.

The adopted technical solutions as well as the chosen materials for realizing Valves Line 115 have allowed our obtaining a product delivering high performance together with particularly reduced dimensions.

These valves size 18 mm are available with pneumatic and solenoid actuation, in version 5/2 and 5/3, suitable both for single use and battery assembly. As to the solenoid model, spool actuation takes place through solenoid pilots 15 mm, which allow a remarkable reduction of electric consumption. Valves Line 115 are supplied complete with solenoid pilot, but without connector.

Materiali impiegati Used materials



- ① CORPO OPERATORE: POM
- ② CORPO VALVOLA: Lega Alluminio
- ③ FONDELLO: POM
- ④ DISTANZIALI: Tecnopolimero
- ⑤ MOLLA: Acciaio INOX
- ⑥ PISTONE DI AZIONAMENTO: POM
- ⑦ GUARNIZIONI: NBR
- ⑧ SPOLA: Alluminio

- ① OPERATOR BODY: POM
- ② VALVE BODY: Aluminium alloy
- ③ BASE COMAND: POM
- ④ SPACING BAR: Technopolymer
- ⑤ SPRING: Stainless steel
- ⑥ PISTON ROD: POM
- ⑦ SEALS: NBR Rubber
- ⑧ SPOOL: Aluminium

Dati Tecnici

Costruzione: Valvola a spola, 5/2 - 5/3
Fluid: Aria filtrata con o senza lubrificazione
Fissaggio: Mediante fori passanti sul corpo, in qualsiasi posizione
Tipo di connessione: G1/8"
Range di temperatura: -5÷50°C (23÷122°F)

Technical data

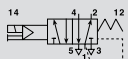
Construction: 5/2 - 5/3 spool valve
Fluid: Filtered air with or without lubrication
Installation: Through holes in valve body, in any position
Connection type: G1/8"
Temperature range: -5÷50°C (23÷122°F)

Dati Tecnici

Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Tempo di risposta: 30 msec
 Tensione: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Peso: 0,087 Kg

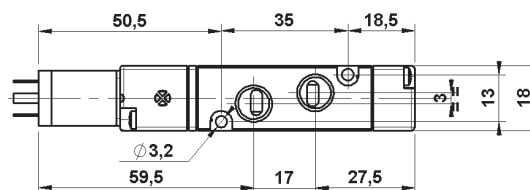
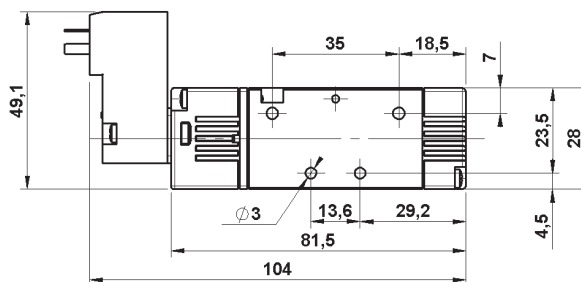
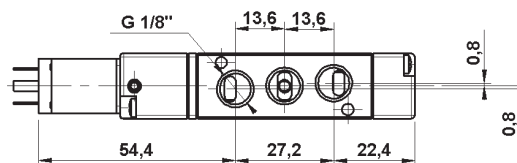
Technical data

Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Response time: 30 msec
 Voltage: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Weight: 0,087 Kg

Codici di ordinazione
Order codes

CODE	REFERENCE
1151125101	EVR 1/8" 18 5 SL PM OO M 12DC
1151125201	EVR 1/8" 18 5 SL PM OO M 24DC
1151125601	EVR 1/8" 18 5 SL PM OO M 24AC
1151125701	EVR 1/8" 18 5 SL PM OO M 110AC
1151125801	EVR 1/8" 18 5 SL PM OO M 220AC

115 EVR 1/8"

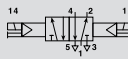
Valvole a comando elettro-pneumatico
Solenoid valvesValvola elettro-pneumatica 5/2
5/2 Single solenoid valve

Dati Tecnici

Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Tempo di risposta: 30 msec
 Tensione: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Peso: 0,102 Kg

Technical data

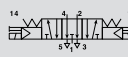
Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Response time: 30 msec
 Voltage: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Weight: 0,102 Kg

Codici di ordinazione
Order codes

CODE	REFERENCE
1151125102	EVR 1/8" 18 5 SL BS OO M 12DC
1151125202	EVR 1/8" 18 5 SL BS OO M 24DC
1151125602	EVR 1/8" 18 5 SL BS OO M 24AC
1151125702	EVR 1/8" 18 5 SL BS OO M 110AC
1151125802	EVR 1/8" 18 5 SL BS OO M 220AC



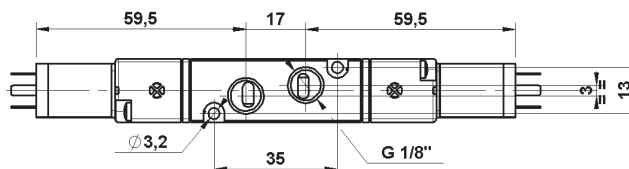
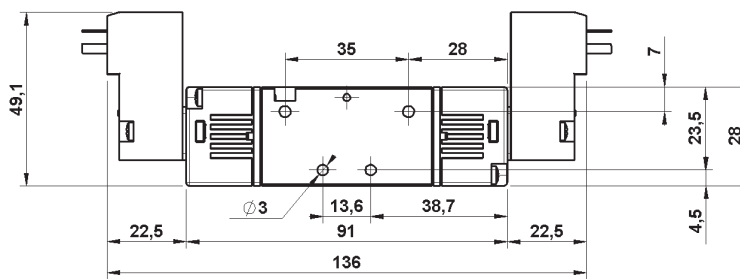
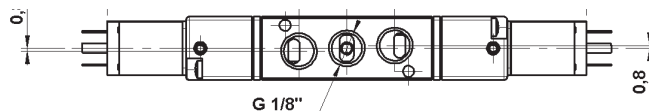
1151126101	EVR 1/8" 18 6 SL RC CC M 12DC
1151126201	EVR 1/8" 18 6 SL RC CC M 24DC
1151126601	EVR 1/8" 18 6 SL RC CC M 24AC
1151126701	EVR 1/8" 18 6 SL RC CC M 110AC
1151126801	EVR 1/8" 18 6 SL RC CC M 220AC



1151126102	EVR 1/8" 18 6 SL RC CA M 12DC
1151126202	EVR 1/8" 18 6 SL RC CA M 24DC
1151126602	EVR 1/8" 18 6 SL RC CA M 24AC
1151126702	EVR 1/8" 18 6 SL RC CA M 110AC
1151126802	EVR 1/8" 18 6 SL RC CA M 220AC



1151126103	EVR 1/8" 18 6 SL RC CP M 12DC
1151126203	EVR 1/8" 18 6 SL RC CP M 24DC
1151126603	EVR 1/8" 18 6 SL RC CP M 24AC
1151126703	EVR 1/8" 18 6 SL RC CP M 110AC
1151126803	EVR 1/8" 18 6 SL RC CP M 220AC

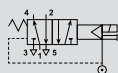
Valvola elettro-pneumatica 5/2 bistabile
5/2 Double solenoid valve

Dati Tecnici

Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento
 (alimentazione separata): 1÷10 Bar (0,10÷10,0 MPa)
 Tempo di risposta: 30 msec
 Tensione: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Peso: 0,083 Kg

Technical data

Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure
 (separate air supply): 1÷10 Bar (0,10÷10,0 MPa)
 Response time: 30 msec
 Voltage: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Weight: 0,083 Kg

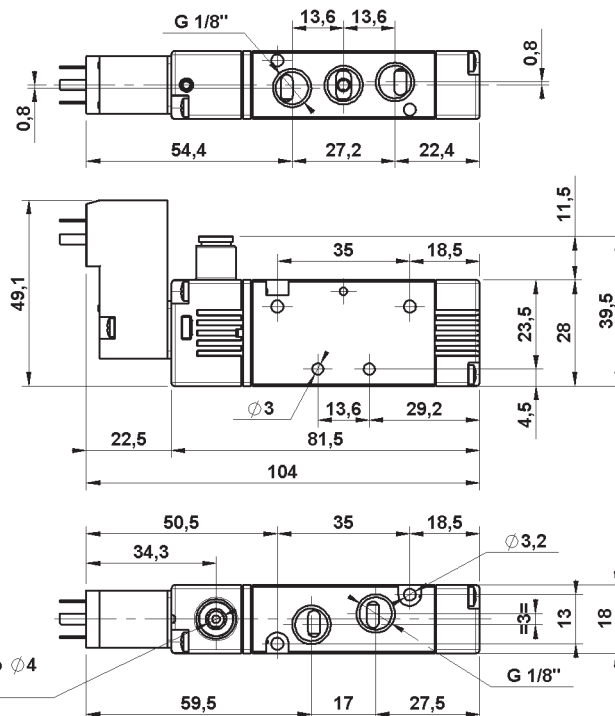
Codici di ordinazione
Order codes

CODE	REFERENCE
1151125103	EVR 1/8" 18 5 SA PM OO M 12DC
1151125203	EVR 1/8" 18 5 SA PM OO M 24DC
1151125603	EVR 1/8" 18 5 SA PM OO M 24AC
1151125703	EVR 1/8" 18 5 SA PM OO M 110AC
1151125803	EVR 1/8" 18 5 SA PM OO M 220AC

115 EVR 1/8"

Valvole a comando elettro-pneumatico
Solenoid valves

Valvola elettro-pneumatica 5/2, alimentazione separata
 5/2 Single assisted solenoid valve

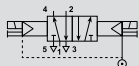


Dati Tecnici

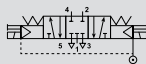
Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento
 (alimentazione separata): 1÷10 Bar (0,10÷1,00 MPa)
 Tempo di risposta: 30 msec
 Tensione: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Peso: 0,094 Kg

Technical data

Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure
 (separate air supply): 1÷10 Bar (0,10÷1,00 MPa)
 Response time: 30 msec
 Voltage: 12V DC, 24V DC, 24V AC, 110V AC, 220V AC
 Weight: 0,094 Kg

Codici di ordinazione
Order codes

CODE	REFERENCE
1151125104	EVR 1/8" 18 5 SA BS OO M 12DC
1151125204	EVR 1/8" 18 5 SA BS OO M 24DC
1151125604	EVR 1/8" 18 5 SA BS OO M 24AC
1151125704	EVR 1/8" 18 5 SA BS OO M 110AC
1151125804	EVR 1/8" 18 5 SA BS OO M 220AC



1151126104	EVR 1/8" 18 6 SA RC CC M 12DC
1151126204	EVR 1/8" 18 6 SA RC CC M 24DC
1151126604	EVR 1/8" 18 6 SA RC CC M 24AC
1151126704	EVR 1/8" 18 6 SA RC CC M 110AC
1151126804	EVR 1/8" 18 6 SA RC CC M 220AC

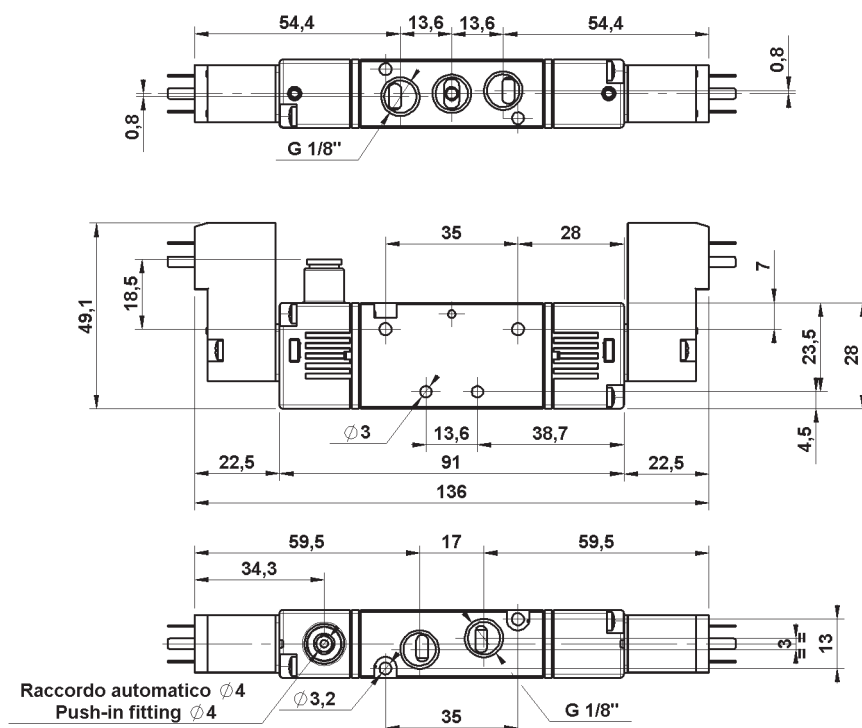


1151126105	EVR 1/8" 18 6 SA RC CA M 12DC
1151126205	EVR 1/8" 18 6 SA RC CA M 24DC
1151126605	EVR 1/8" 18 6 SA RC CA M 24AC
1151126705	EVR 1/8" 18 6 SA RC CA M 110AC
1151126805	EVR 1/8" 18 6 SA RC CA M 220AC



1151126106	EVR 1/8" 18 6 SA RC CP M 12DC
1151126206	EVR 1/8" 18 6 SA RC CP M 24DC
1151126606	EVR 1/8" 18 6 SA RC CP M 24AC
1151126706	EVR 1/8" 18 6 SA RC CP M 110AC
1151126806	EVR 1/8" 18 6 SA RC CP M 220AC

Valvola elettro-pneumatica 5/2 bistabile, alimentazione separata
 5/2 Double assisted solenoid valve



Valvole a comando pneumatico Pneumatically operated valves

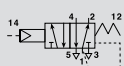
Dati Tecnici

Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento: 1÷10 (0,10÷1,00 MPa)
 Tempo di risposta: 30 msec
 Peso: 0,072 Kg

Technical data

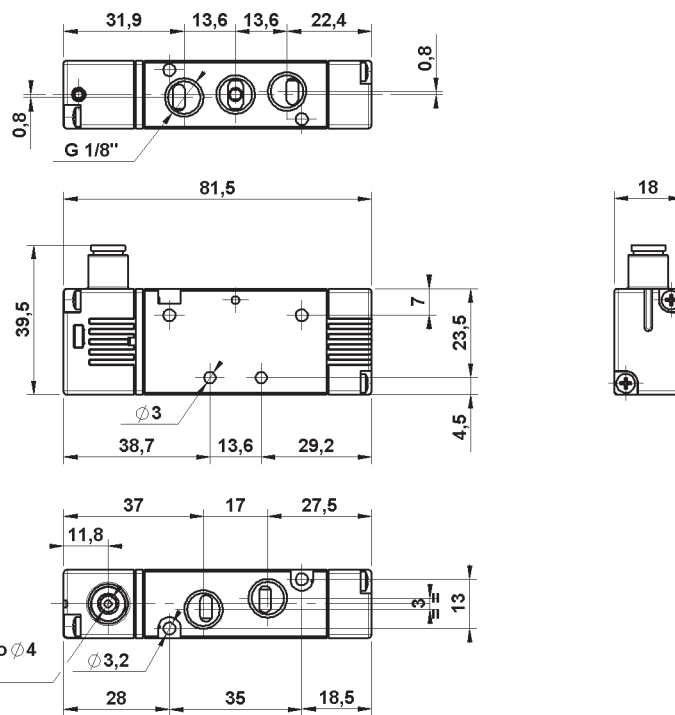
Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Operating pressure: 1÷10 (0,10÷1,00 MPa)
 Response time: 30 msec
 Weight: 0,072 Kg

Codici di ordinazione Order codes



CODE	REFERENCE
1151225001	VPR 1/8" 18 5 PN PM OO M

Valvola a comando pneumatico 5/2 5/2 Single pneumatic pilot valve



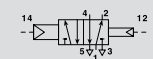
Dati Tecnici

Tipo di connessione: G1/8"
 Diametro nominale: 4 mm
 Portata di riferimento (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento: 1÷10 (0,10÷1,00 MPa)
 Tempo di risposta: 30 msec
 Peso: 0,084 Kg

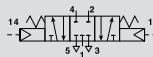
Technical data

Connection size: G1/8"
 Effective orifice: 4 mm
 Reference flow rate (P=6 Bar - $\Delta p=1$ Bar): 600 NI/min
 Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Operating pressure: 1÷10 (0,10÷1,00 MPa)
 Response time: 30 msec
 Weight: 0,084 Kg

Codici di ordinazione Order codes



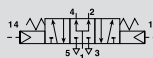
CODE	REFERENCE
1151225002	VPR 1/8" 18 5 PN BS OO M



1151226001	VPR 1/8" 18 6 PN RC CC M
------------	--------------------------

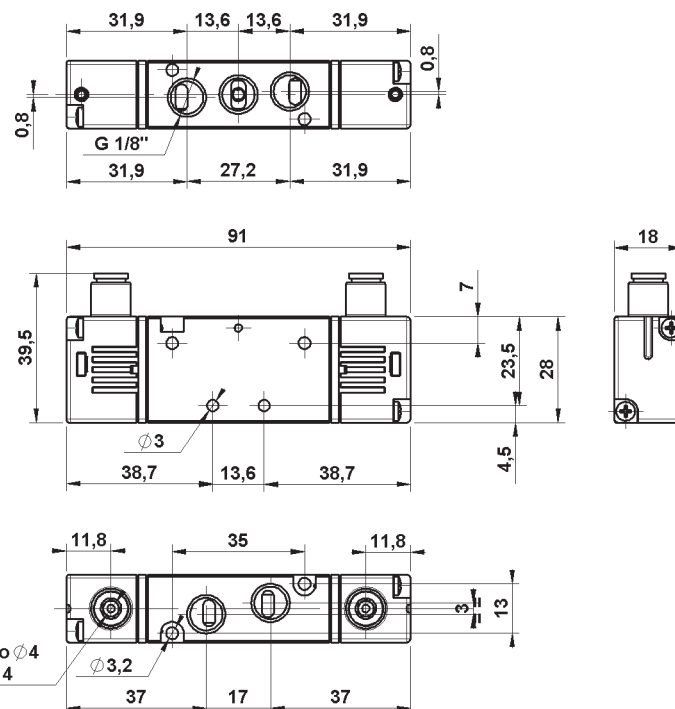


1151226002	VPR 1/8" 18 6 PN RC CA M
------------	--------------------------



1151226003	VPR 1/8" 18 6 PN RC CP M
------------	--------------------------

Valvola a doppio comando pneumatico 5/2 bistabile 5/2 Double pneumatic pilot valve

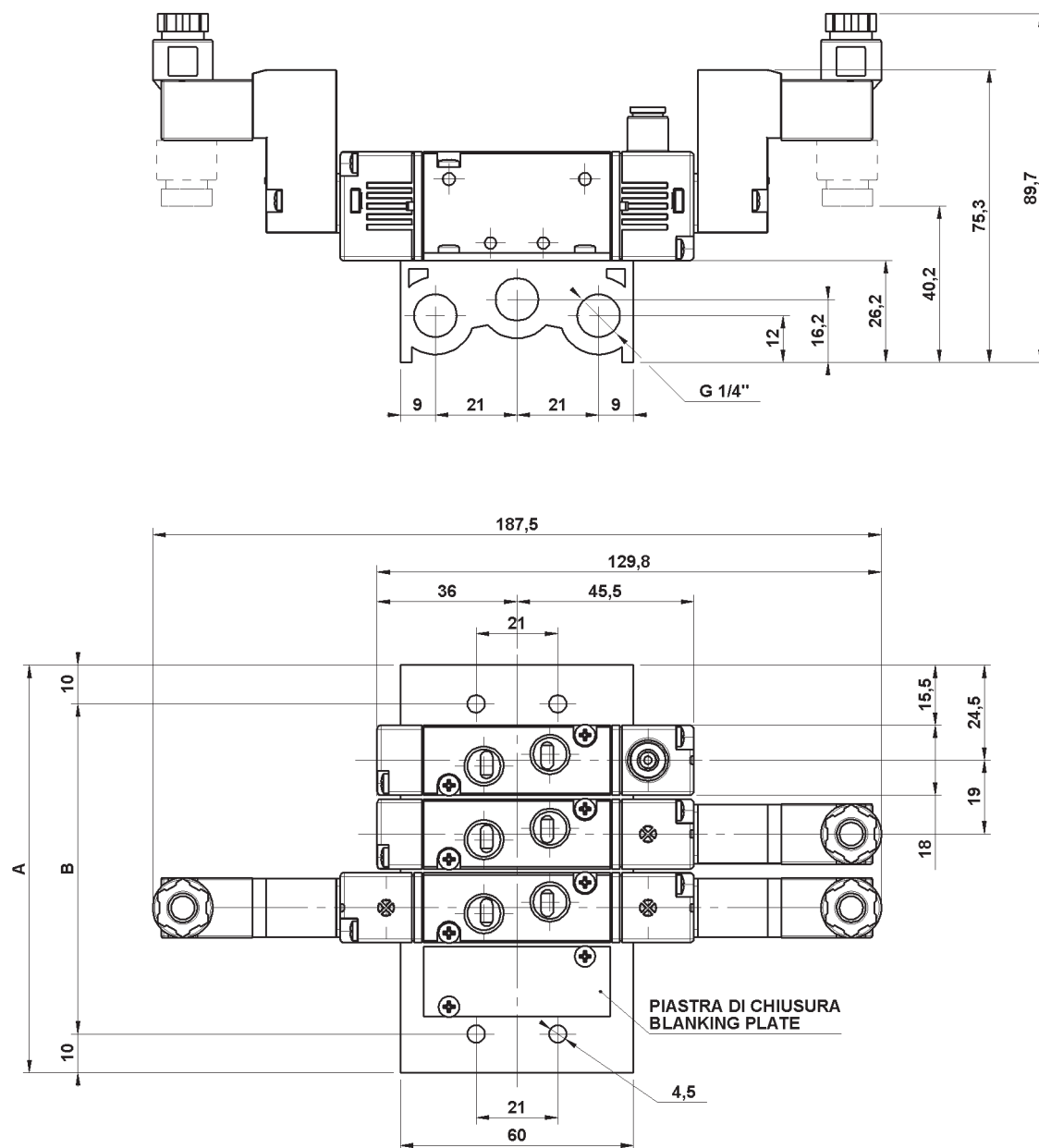


Line

115 1/8"

AIRCOMP

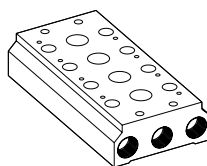
Sottobase per valvole 1/8"
1/8" valves manifold



Dimensioni
Dimensions

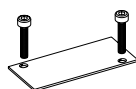
N° of stations	A	B
2	67	47
3	86	66
4	105	85
5	124	104
6	143	123
7	162	142
8	181	161
9	200	180
10	219	199

Sottobase
Manifold



CODICE-CODE	REF.	LINE
1115C00002	SOTTOBASE 2 POS	115 1/8"
1115C00003	SOTTOBASE 3 POS	115 1/8"
1115C00004	SOTTOBASE 4 POS	115 1/8"
1115C00005	SOTTOBASE 5 POS	115 1/8"
1115C00006	SOTTOBASE 6 POS	115 1/8"
1115C00007	SOTTOBASE 7 POS	115 1/8"
1115C00008	SOTTOBASE 8 POS	115 1/8"
1115C00009	SOTTOBASE 9 POS	115 1/8"
1115C00010	SOTTOBASE 10 POS	115 1/8"

Kit piastra di chiusura
Blanking plate kit



CODICE-CODE	REF.	LINE
1115A00013	KIT PIASTRA DI CHIUSURA BLANKING PLATE KIT	115 1/8"

Connettore standard 15mm 15mm standard connectors



CODE	REF.	LINE
A502600014	CONNETTORE 15mm 15mm CONNECTOR	115 EVR 1/8"

Dati Tecnici - Technical data

Custodia - Housing	Trasparente - Transparent
Tensione di lavoro - Rated voltage	250V AC/ 300V DC
Gradi di protezione - Protection class	IP 65 (connesso - mated)

Connettori luminosi 15mm 15mm LED connectors



CODE	REF.	LINE
A502600020	CONNETTORE LUMINOSO 15mm 24V 15mm LED CONNECTOR 24V	115 EVR 1/8"
A502600021	CONNETTORE LUMINOSO 15mm 115V 15mm LED CONNECTOR 115V	115 EVR 1/8"
A502600022	CONNETTORE LUMINOSO 15mm 230V 15mm LED CONNECTOR 230V	115 EVR 1/8"

Dati Tecnici - Technical data

Custodia - Housing	Nera con LED - black with LED
Tensione di lavoro - Rated voltage	250V AC/ 300V DC
Gradi di protezione - Protection class	IP 67 (connesso - mated)

Connettori luminosi 15mm cablati 15mm Cabled LED connectors



CODE	REF.	LENGTH	LINE
A502600023	CONNETTORE CABLATO 15mm 24V 15mm CABLED CONNECTOR 24V	3 mt 3 mt	115 EVR 1/8"
A502600024	CONNETTORE CABLATO 15mm 115V 15mm CABLED CONNECTOR 115V	3 mt 3 mt	115 EVR 1/8"
A502600025	CONNETTORE CABLATO 15mm 230V 15mm CABLED CONNECTOR 230V	3 mt 3 mt	115 EVR 1/8"

Line

120 1/8"

AIRCOMP

Valvole taglia 22 mm
Valves size 22 mm



Guida alle referenze Guide to references

ME 1/8" 22 3 PU ML NC P

Prodotto
Product

EV = Valvole Elettropneum.
Solenoid valves

ME = Valvole meccaniche
Mechanical valves

VM = Valvole manuali
Manual valves

VP = Valvole pneumatiche
Pneumatic valves

Connessione
Connection

1/8" = G1/8"

Taglia
Body width

22 = 22 mm

Funzione
Function

3 = 3/2
5 = 5/2
6 = 5/3

Azionamento
Operation

PU = Puntale - Pushrod

PP = Puntale passa-parete - Throgh-wall pushrod

LT = Leva tasto - Push lever

RL = Leva rullo - Roller lever

RU = Leva rullo unidirezionale - Unidirectional roller lever

PB = Per comandi a pannello - For panel mounting actuators

PS = Puntale servopilotato - Sensible pushrod

PO = Puntale passa parete servopilotato
Sensible through wall pushrod

LS = Leva tasto servopilotata - Sensible taste lever

RS = Leva rullo servopilotata - Sensible roller lever

RO = Leva rullo unidirezionale servopilotata
Sensible unidirectional roller lever

AN = Antenna - Whisker

TA = Tiretto agganciato - Detented push-pull

TS = Tiretto sganciato - Push-pull

LV = Leva assiale - Axial lever

L9 = Leva 90° - 90° Lever

PN = Pneumatico - Pneumatic

SL = Elettropneumatico - Solenoid

SA = Elettropneumatico asservito M5
Assisted solenoid with M5

AU = Elettropneumatico asservito raccordo automatico
Assisted solenoid with push-in fitting

RLC = Leva rullo con cuscinetto a sfere
Roller lever with ball bearing

RUC = Leva rullo unidirezionale con cuscinetto a sfere
Unidirectional roller lever with ball bearing

Materiale
Material

P = Plastica
Plastic

Opzione
Option

NC = Normalmente chiusa
Normally closed

NO = Normalmente aperta
Normally opened

CC = Centri chiusi
Closed centres

CA = Centri aperti
Opened centres

CP = Centri in pressione
Pressure centres

OO = 5/2

Ritorno
Return

ML = Molla
Spring

PM = Pneumo-meccanico
Pilot

BS = Bistabile
Bistable

ST = Stabile su 3 posizioni
Stable on 3 positions

RC = Ritorno al centro
Return to centre

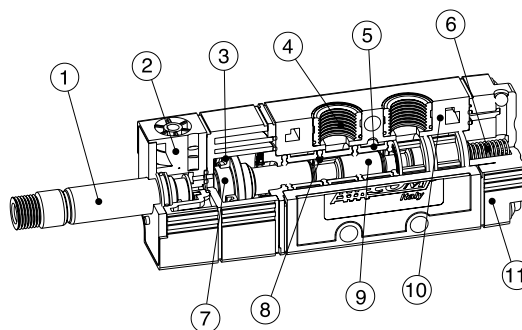
MP = Molla pneumatica
Pneumatic spring

DF = Differenziale
Differential

Le valvole in tecnopolimero a spola bilanciata della Linea 120 trovano largo impiego in numerose applicazioni industriali, grazie alla loro affidabilità e versatilità d'impiego. L'elevata standardizzazione del prodotto consente una grande completezza di gamma, che offre in diverse versioni, valvole manuali, meccaniche, pneumatiche ed elettropneumatiche.

Line 120 includes balanced spool valves made from technopolymer that are largely used for several industrial applications, thanks to their reliability and utilizing flexibility. The product high standardization allows a remarkable completeness of this range, offering manually, mechanically, pneumatically operated valves and solenoid valves in different models.

Materiali impiegati Used materials



- ① OPERATORE: Ottone, Acciaio INOX
- ② CORPO OPERATORE: POM
- ③ GUARNIZIONE: NBR
- ④ INSERTI: Ottone OT 58
- ⑤ DISTANZIALI: Tecnopolimero
- ⑥ MOLLA: Acciaio INOX
- ⑦ PISTONE DI AZIONAMENTO: POM
- ⑧ GUARNIZIONI: NBR
- ⑨ SPOLA: Alluminio Nichelato
- ⑩ FONDELLO: POM
- CORPO VALVOLA: Tecnopolimero

- ① OPERATOR: Brass, Stainless steel
- ② OPERATOR BODY: POM
- ③ SEAL: NBR Rubber
- ④ INSERTS: OT 58 Brass
- ⑤ SPACING BAR: Tecnopolymer
- ⑥ SPRING: Stainless steel
- ⑦ PISTON ROD: POM
- ⑧ SEALS: NBR Rubber
- ⑨ SPOOL: Nickel plated Aluminium
- ⑩ BASE COMAND: POM
- VALVE BODY: Tecnopolymer

Dati Tecnici

Costruzione: Valvole a spola, 3/2 - 5/2 - 5/3
Fluid: Aria filtrata con o senza lubrificazione
Fissaggio: Mediante fori passanti sul corpo, in qualsiasi posizione
Tipo di connessione: G1/8"
Diametro nominale: 4 mm
Range di temperatura: -5÷50°C (23÷122°F)
Portata di riferimento (P=6 Bar - Δp=1 Bar): 490 NI/min

Technical data

Construction: 3/2 - 5/2 - 5/3 spool valves
Fluid: Filtered air with or without lubrication
Installation: Through holes in valve body, in any position
Connection type: G1/8"
Effective orifice: 4 mm
Temperature range: -5÷50°C (23÷122°F)
Reference flow rate (P=6 Bar - Δp=1 Bar): 490 NI/min

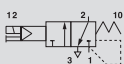
Valvole a comando elettro-pneumatico
Solenoid Valves

Dati Tecnici

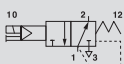
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,080 Kg
 LA BOBINA VIENE FORNITA SEPARATAMENTE (PAG. 96)

Technical data

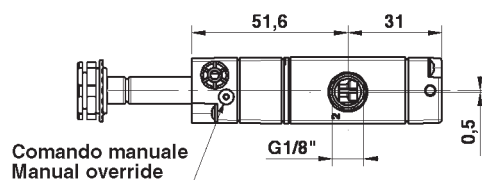
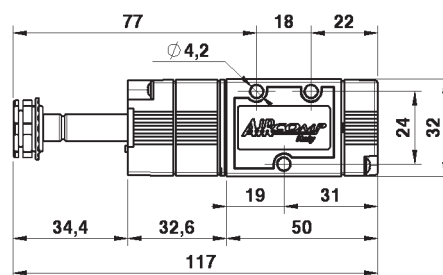
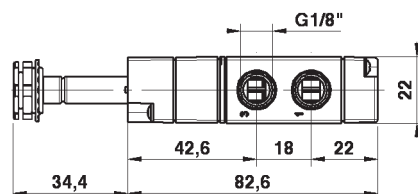
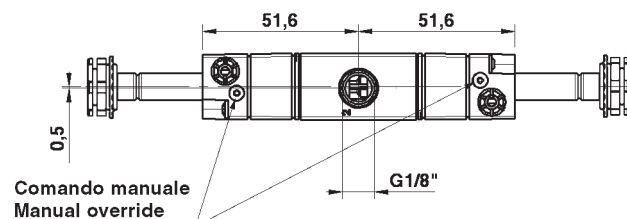
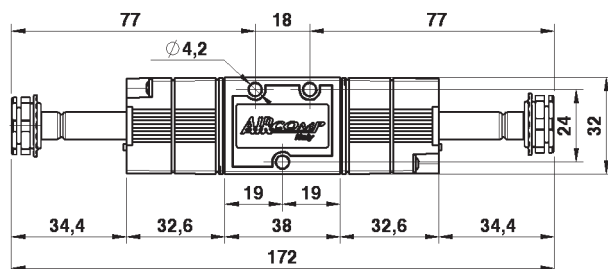
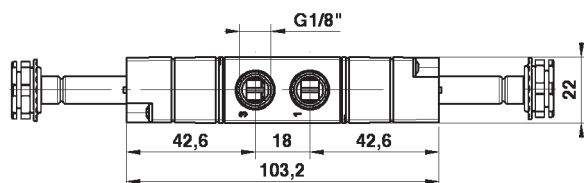
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,080 Kg
 COIL IS SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione
Order codes

CODE **REF.**
 1202123001 EV 1/8" 22 3 SL PM NC P



1202123002 EV 1/8" 22 3 SL PM NO P

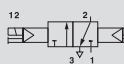
Valvole elettro-pneumatiche 3/2 NC-NO
3/2 NC-NO Single solenoid valvesValvola elettro-pneumatica 3/2 bistabile
3/2 Double solenoid valve

Dati Tecnici

Pressione d'esercizio: 0,5÷10 Bar (0,05÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,102 Kg
 LE BOBINE VENGONO FORNITE SEPARATAMENTE (PAG. 96)

Technical data

Working pressure: 0,5÷10 Bar (0,05÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,102 Kg
 COILS ARE SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione
Order codes

CODE **REF.**
 1202123003 EV 1/8" 22 3 SL BS OO P

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento
 (alimentazione separata): 1÷10 Bar (0,10÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,081 Kg
 LA BOBINA VIENE FORNITA SEPARATAMENTE (PAG. 96)

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure
 (separate air supply): 1÷10 Bar (0,10÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,081 Kg
 COIL IS SUPPLIED SEPARATELY (PAGE 96)

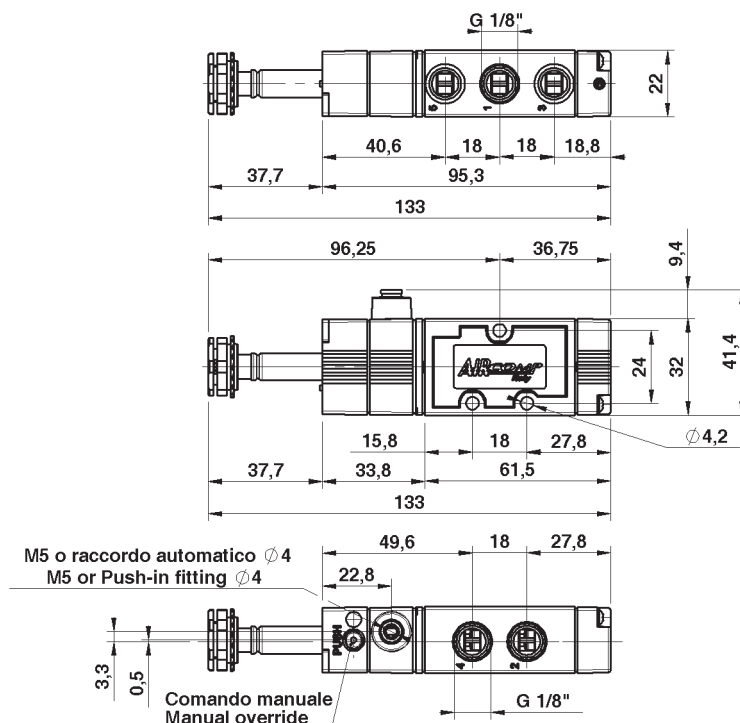
Codici di ordinazione
Order codes

	CODE	REF.
	1202123004	EV 1/8" 22 3 SA ML NC P
	1202123007	EV 1/8" 22 3 AU ML NC P
	1202123005	EV 1/8" 22 3 SA ML NO P
	1202123008	EV 1/8" 22 3 AU ML NO P

120 EV 1/8"

Valvole a comando elettro-pneumatico
Solenoid Valves

Valvole elettro-pneumatiche 3/2 NC-NO, alimentazione separata
 Pilot assisted, 3/2 NC-NO Single solenoid valves



Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento
 (alimentazione separata): 0,5÷10 Bar (0,05÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,105 Kg
 LE BOBINE VENGONO FORNITE SEPARATAMENTE (PAG. 96)

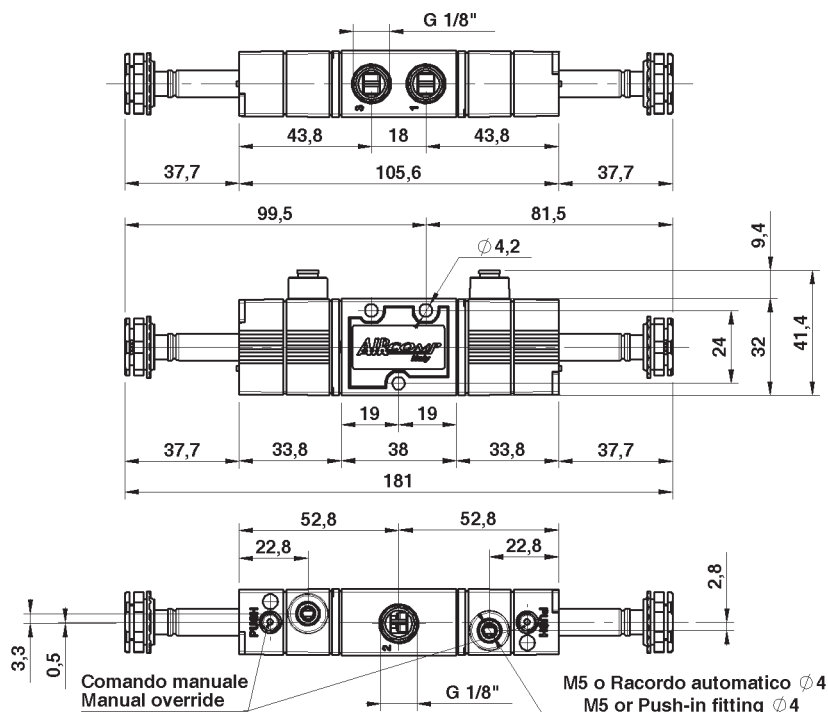
Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure
 (separate air supply): 0,5÷10 Bar (0,05÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,105 Kg
 COILS ARE SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione
Order codes

	CODE	REF.
	1202123006	EV 1/8" 22 3 SA BS OO P
	1202123009	EV 1/8" 22 3 AU BS OO P

Valvole elettro-pneumatiche 3/2 bistabili, alimentazione separata
 Pilot assisted 3/2 Double solenoid valves



Valvole a comando elettro-pneumatico
Solenoid Valves

Dati Tecnici

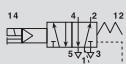
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Tensione: 24V DC, 24V AC, 110V AC, 220V AC
Grado di protezione con connettore: IP 65 EN 60529
Tipo di azionamento manuale: Monostabile
Peso: 0,086 Kg
LA BOBINA VIENE FORNITA SEPARATAMENTE (PAG. 96)

Technical data

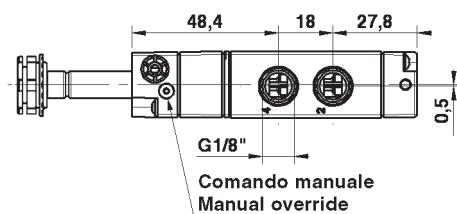
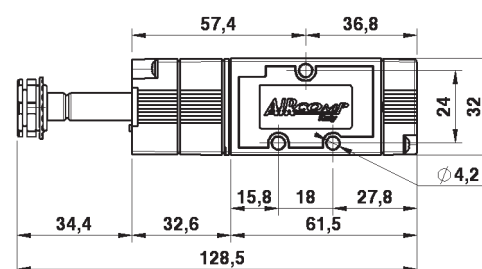
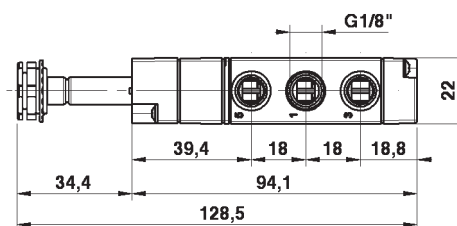
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Voltage: 24V DC, 24V AC, 110V AC, 220V AC
Protection with connector: IP 65 EN 60529
Manual override: Monostable
Weight: 0,086 Kg
COIL IS SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione

Order codes



CODE	REF.
1202125001	EV 1/8" 22 5 SL PM OO P

Valvola elettro-pneumatica 5/2
5/2 Single solenoid valve

Dati Tecnici

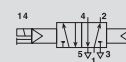
Pressione d'esercizio (5/2 - 5/3): 0÷10 Bar (0÷1,00 MPa)
Tensione: 24V DC, 24V AC, 110V AC, 220V AC
Grado di protezione con connettore: IP 65 EN 60529
Tipo di azionamento manuale: Monostabile
Peso: 0,116 Kg
LE BOBINE VENGONO FORNITE SEPARATAMENTE (PAG. 96)

Technical data

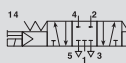
Working pressure (5/2 - 5/3): 0÷10 Bar (0÷1,00 MPa)
Voltage: 24V DC, 24V AC, 110V AC, 220V AC
Protection with connector: IP 65 EN 60529
Manual override: Monostable
Weight: 0,116 Kg
COILS ARE SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione

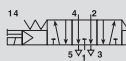
Order codes



CODE	REF.
1202125002	EV 1/8" 22 5 SL BS OO P



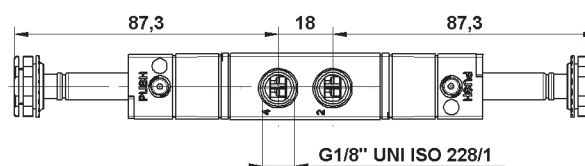
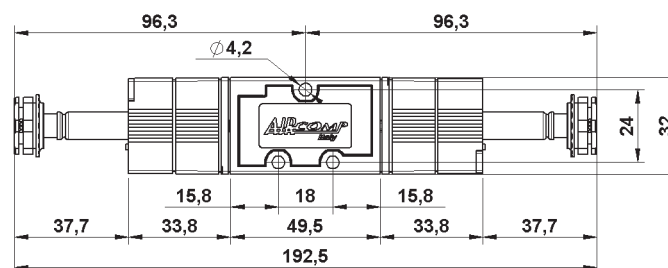
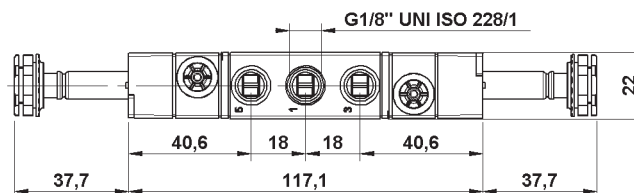
CODE	REF.
1202126001	EV 1/8" 22 6 SL RC CC P



CODE	REF.
1202126002	EV 1/8" 22 6 SL RC CA P



CODE	REF.
1202126003	EV 1/8" 22 6 SL RC CP P

Valvole elettro-pneumatiche 5/2 - 5/3 bistabili
5/2 - 5/3 Double solenoid valves

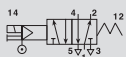
Valvole a comando elettro-pneumatico
Solenoid Valves

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento
 (alimentazione separata): 0,5÷10 Bar (0,05÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,087 Kg
 LA BOBINA VIENE FORNITA SEPARATAMENTE (PAG. 96)

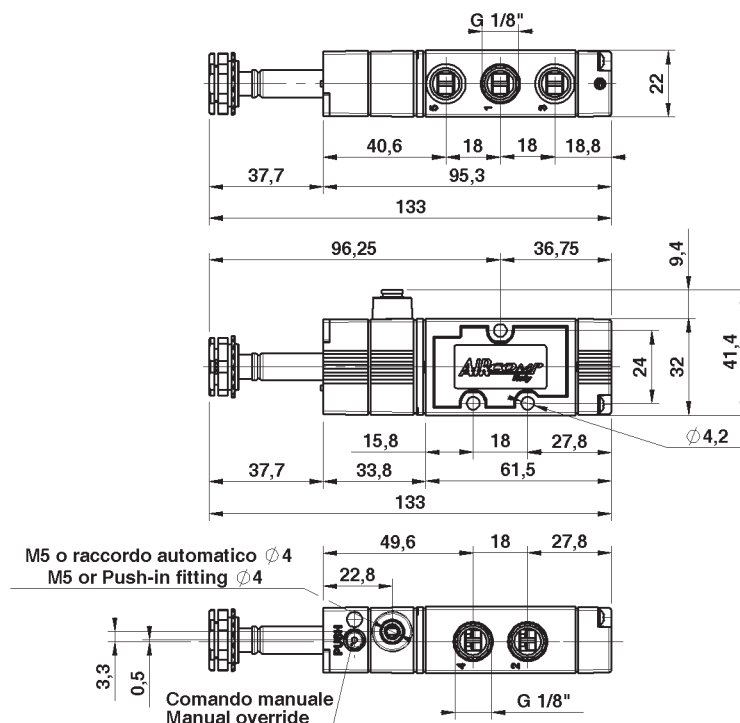
Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure
 (separate air supply): 0,5÷10 Bar (0,05÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,087 Kg
 COIL IS SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione
Order codes

CODE	REF.
1202125003	EV 1/8" 22 5 SA ML OO P
1202125005	EV 1/8" 22 5 AU ML OO P

Valvole elettro-pneumatiche 5/2, alimentazione separata
 Pilot assisted, 5/2 single solenoid valves

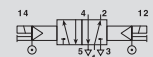


Dati Tecnici

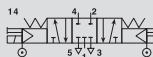
Pressione d'esercizio (5/2 - 5/3): 0÷10 Bar (0÷1,00 MPa)
 Pressione di azionamento (alimentazione separata)
 (5/2): 0,5÷10 Bar (0,05÷1,00 MPa)
 (5/3): 2,1÷10 Bar (0,21÷1,00 MPa)
 Tensione: 24V DC, 24V AC, 110V AC, 220V AC
 Grado di protezione con connettore: IP 65 EN 60529
 Tipo di azionamento manuale: Monostabile
 Peso: 0,118 Kg
 LE BOBINE VENGONO FORNITE SEPARATAMENTE (PAG. 96)

Technical data

Working pressure (5/2 - 5/3): 0÷10 Bar (0÷1,00 MPa)
 Actuating pressure (separate air supply)
 (5/2): 0,5÷10 Bar (0,05÷1,00 MPa)
 (5/3): 2,1÷10 Bar (0,21÷1,00 MPa)
 Voltage: 24V DC, 24V AC, 110V AC, 220V AC
 Protection with connector: IP 65 EN 60529
 Manual override: Monostable
 Weight: 0,118 Kg
 COILS ARE SUPPLIED SEPARATELY (PAGE 96)

Codici di ordinazione
Order codes

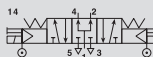
CODE	REF.
1202125004	EV 1/8" 22 5 SA BS OO P
1202125006	EV 1/8" 22 5 AU BS OO P



1202126004	EV 1/8" 22 6 SA RC CC P
1202126007	EV 1/8" 22 6 AU RC CC P

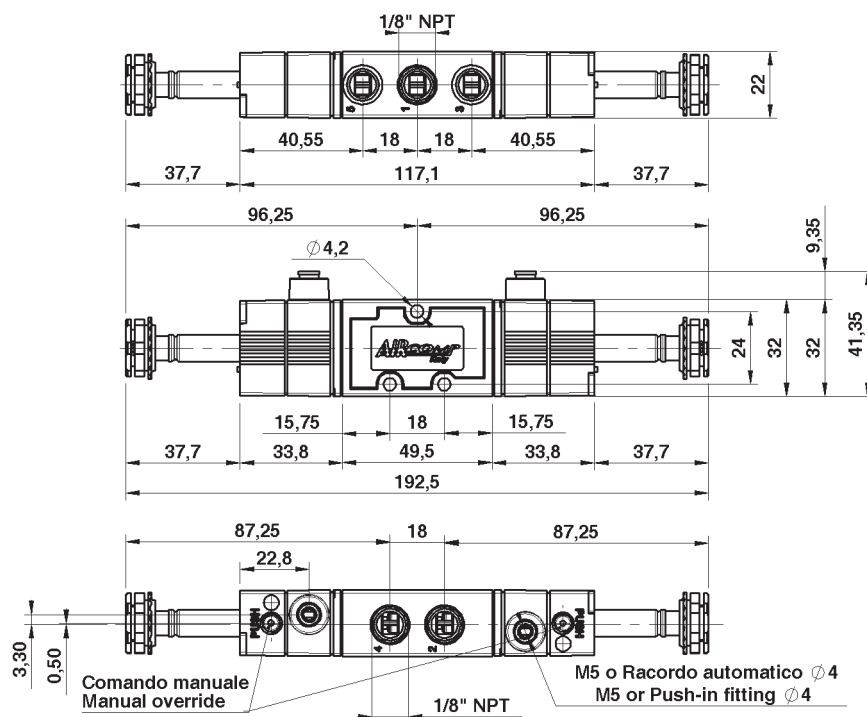


1202126005	EV 1/8" 22 6 SA RC CA P
1202126008	EV 1/8" 22 6 AU RC CA P



1202126006	EV 1/8" 22 6 SA RC CP P
1202126009	EV 1/8" 22 6 AU RC CP P

Valvole elettro-pneumatiche 5/2-5/3, alimentazione separata
 Pilot assisted, 5/2-5/3 Double solenoid valves



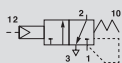
Valvole a comando pneumatico
Pneumatically operated Valves

Dati Tecnici

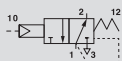
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Pressione di pilotaggio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,070 Kg

Technical data

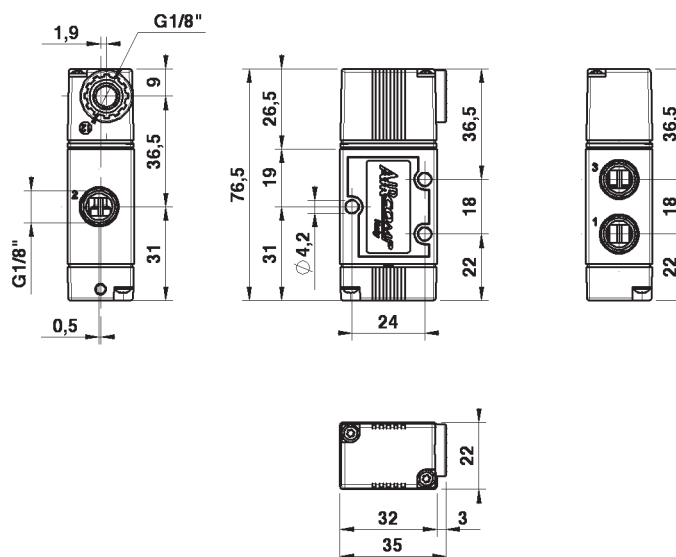
Working pressure: 0÷10 Bar (0÷1,00 MPa)
Operating pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,070 Kg

Codici di ordinazione
Order codes

CODE **REF.**
1202223001 VP 1/8" 22 3 PN PM NC P



1202223002 VP 1/8" 22 3 PN PM NO P

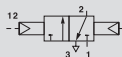
Valvole a comando pneumatico 3/2
3/2 Single pneumatic pilot valves

Dati Tecnici

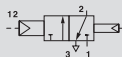
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Pressione di pilotaggio: 0,5÷10 Bar (0,05÷1,00 MPa)
Peso: 0,095 Kg

Technical data

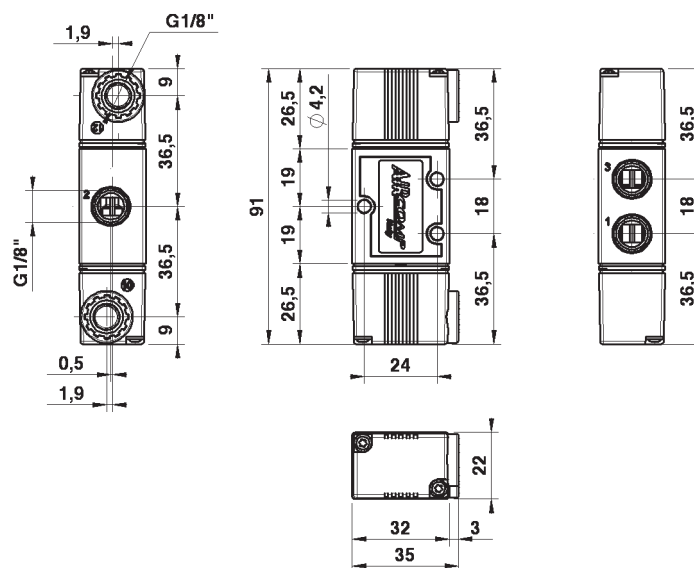
Working pressure: 0÷10 Bar (0÷1,00 MPa)
Operating pressure: 0,5÷10 Bar (0,05÷1,00 MPa)
Weight: 0,095 Kg

Codici di ordinazione
Order codes

CODE **REF.**
1202223003 VP 1/8" 22 3 PN BS OO P



1202223004 VP 1/8" 22 3 PN DF OO P

Valvole a doppio comando pneumatico 3/2 bistabili
3/2 Double pneumatic pilot valves

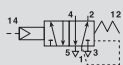
Valvole a comando pneumatico
Pneumatically operated Valves

Dati Tecnici

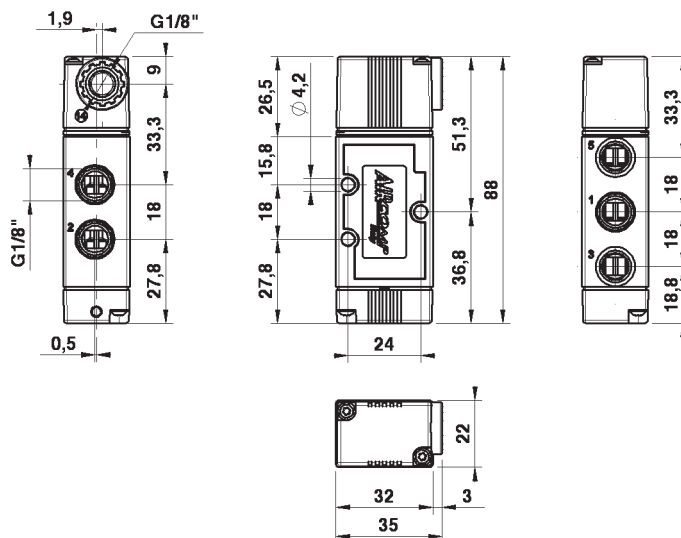
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Pressione di pilotaggio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,077 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Operating pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,077 Kg

Codici di ordinazione
Order codes

CODE	REF.
1202225001	VP 1/8" 22 5 PN PM OO P

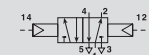
Valvola a comando pneumatico 5/2
5/2 Single pneumatic pilot valve

Dati Tecnici

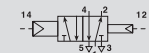
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Pressione di pilotaggio (5/2): 0,5÷10 Bar (0,05÷1,00 MPa)
(5/3): 2,1÷10 Bar (0,21÷1,00 MPa)
Peso: 0,101 Kg

Technical data

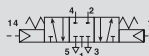
Working pressure: 0÷10 Bar (0÷1,00 MPa)
Operating pressure (5/2): 0,5÷10 Bar (0,05÷1,00 MPa)
(5/3): 2,1÷10 Bar (0,21÷1,00 MPa)
Weight: 0,101 Kg

Codici di ordinazione
Order codes

CODE	REF.
1202225002	VP 1/8" 22 5 PN BS OO P



1202225003	VP 1/8" 22 5 PN DF OO P
------------	-------------------------



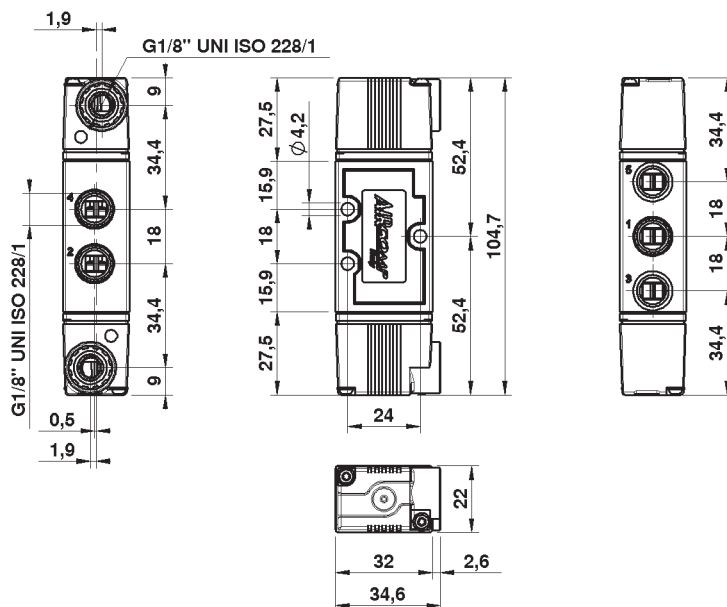
1202226001	VP 1/8" 22 6 PN RC CC P
------------	-------------------------



1202226002	VP 1/8" 22 6 PN RC CA P
------------	-------------------------



1202226003	VP 1/8" 22 6 PN RC CP P
------------	-------------------------

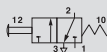
Valvole a doppio comando pneumatico 5/2-5/3 bistabili
5/2-5/3 Double pneumatic pilot valves

Dati Tecnici

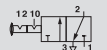
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,093 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,093 Kg

Codici di ordinazione
Order codes

CODE **REF.**
1202323001 VM 1/8" 22 3 TA ML NC P



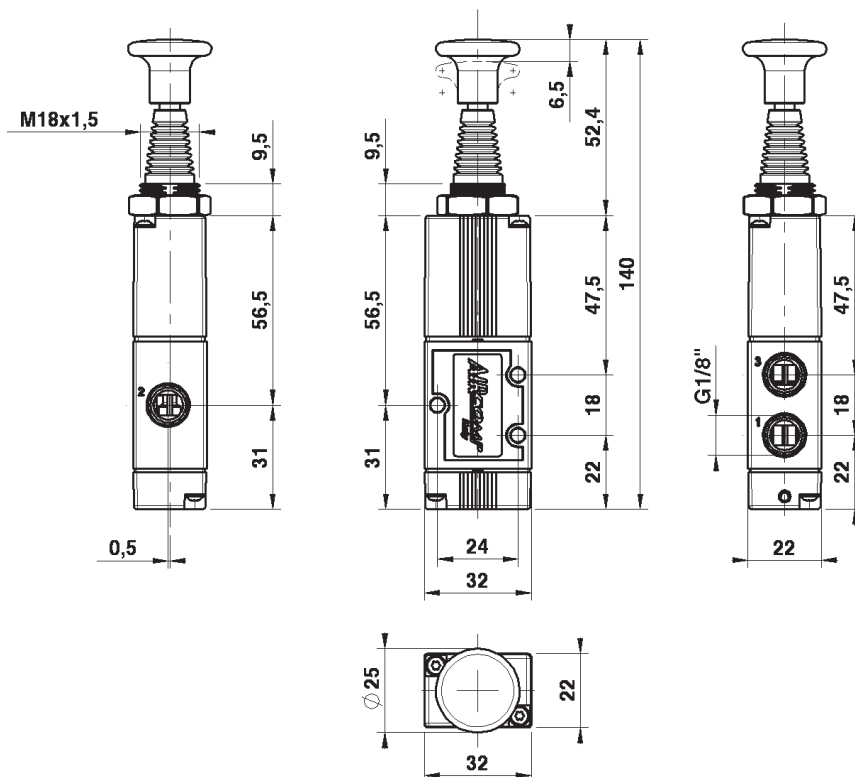
1202323002 VM 1/8" 22 3 TA BS OO P

120 VM 1/8"

Valvole a comando manuale
Manually operated Valves

Valvole a tretto 3/2

3/2 Detented push-pull operated valves

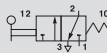


Dati Tecnici

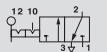
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,094 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,094 Kg

Codici di ordinazione
Order codes

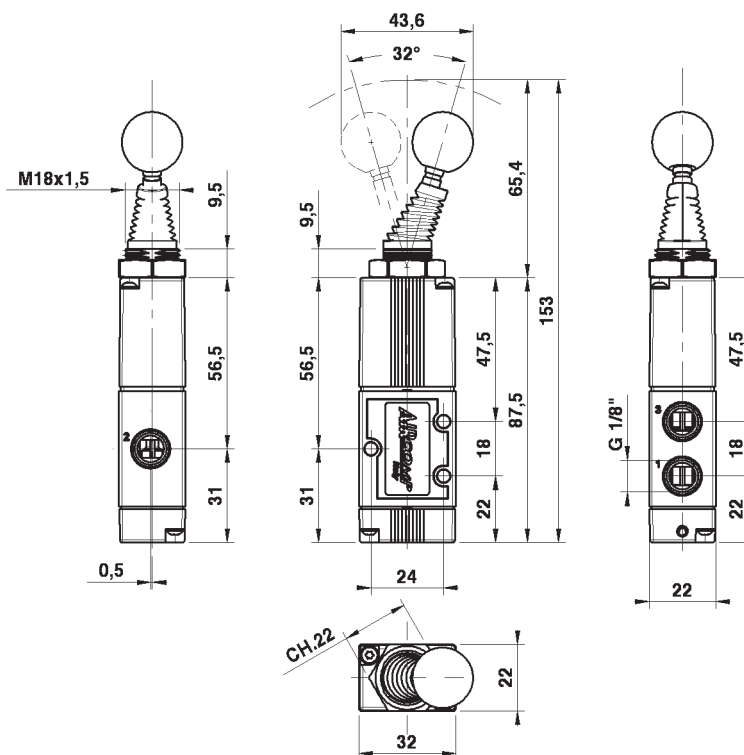
CODE **REF.**
1202323004 VM 1/8" 22 3 LV ML NC P



1202323005 VM 1/8" 22 3 LV BS OO P

Valvole a leva assiale 3/2

3/2 Axial lever valves



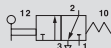
Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,091 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,091 Kg

Codici di ordinazione
Order codes



CODE	REF.
1202323006	VM 1/8" 22 3 L9 ML NC P

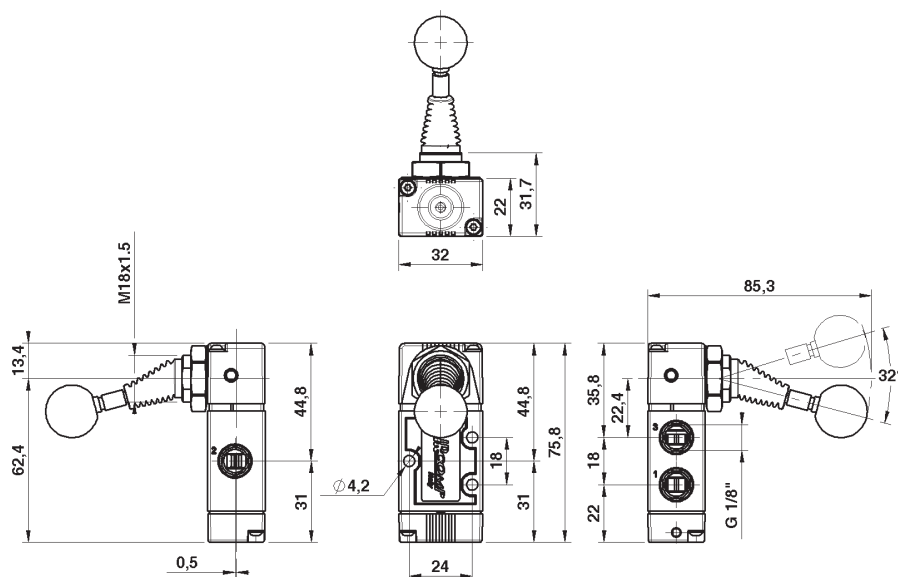


1202323007 VM 1/8" 22 3 L9 BS OO P

120 VM 1/8"

Valvole a comando manuale Manually operated Valves

Valvole a leva 90° 3/2
3/2 90° Lever valves



Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,100 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,100 Kg

Codici di ordinazione
Order codes



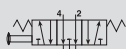
CODE	REF.
1202325001	VM 1/8" 22 5 TA ML OO P



1202325002 VM 1/8" 22 5 TA BS OO P



1202326013 VM 1/8" 22 6 TA RC CC P



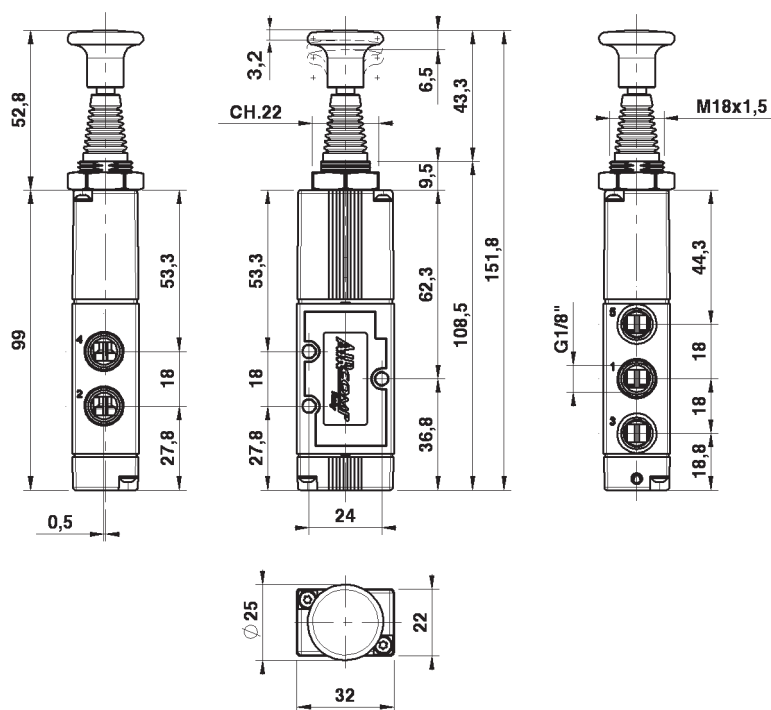
1202326014 VM 1/8" 22 6 TA RC CA P



1202326015 VM 1/8" 22 6 TA RC CP P

Valvole a tiretto 5/2 - 5/3

5/2 - 5/3 Detented push-pull operated valves



Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,099 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,099 Kg

Codici di ordinazione
Order codes

	CODE	REF.
	1202325003	VM 1/8" 22 5 LV ML OO P
	1202325004	VM 1/8" 22 5 LV BS OO P
	1202326001	VM 1/8" 22 6 LV ST CC P
	1202326002	VM 1/8" 22 6 LV ST CA P
	1202326003	VM 1/8" 22 6 LV ST CP P
	1202326004	VM 1/8" 22 6 LV RC CC P
	1202326005	VM 1/8" 22 6 LV RC CA P
	1202326006	VM 1/8" 22 6 LV RC CP P

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Peso: 0,101 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Weight: 0,101 Kg

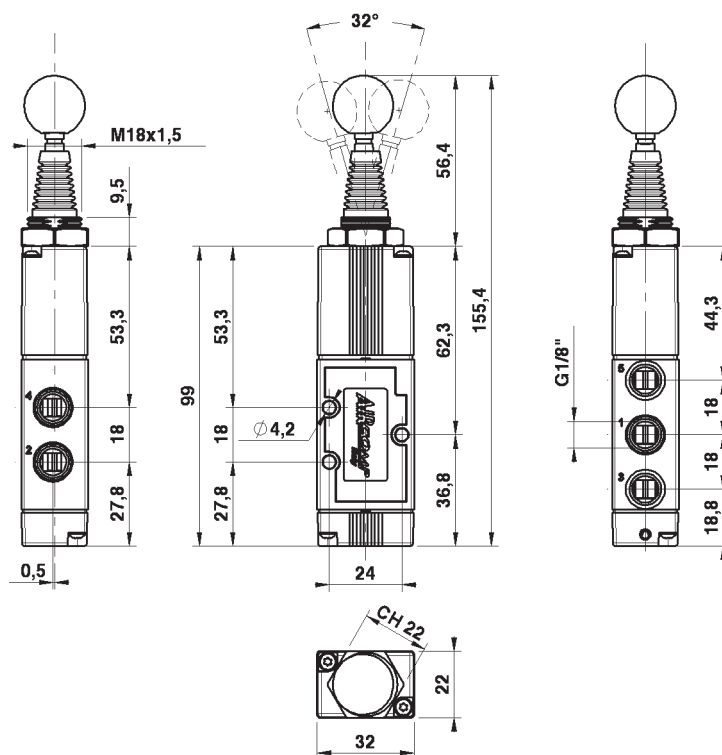
Codici di ordinazione
Order codes

	CODE	REF.
	120325005	VM 1/8" 22 5 L9 ML OO P
	120325006	VM 1/8" 22 5 L9 BS OO P
	120326007	VM 1/8" 22 6 L9 ST CC P
	120326008	VM 1/8" 22 6 L9 ST CA P
	120326009	VM 1/8" 22 6 L9 ST CP P
	120326010	VM 1/8" 22 6 L9 RC CC P
	120326011	VM 1/8" 22 6 L9 RC CA P
	120326012	VM 1/8" 22 6 L9 RC CP P

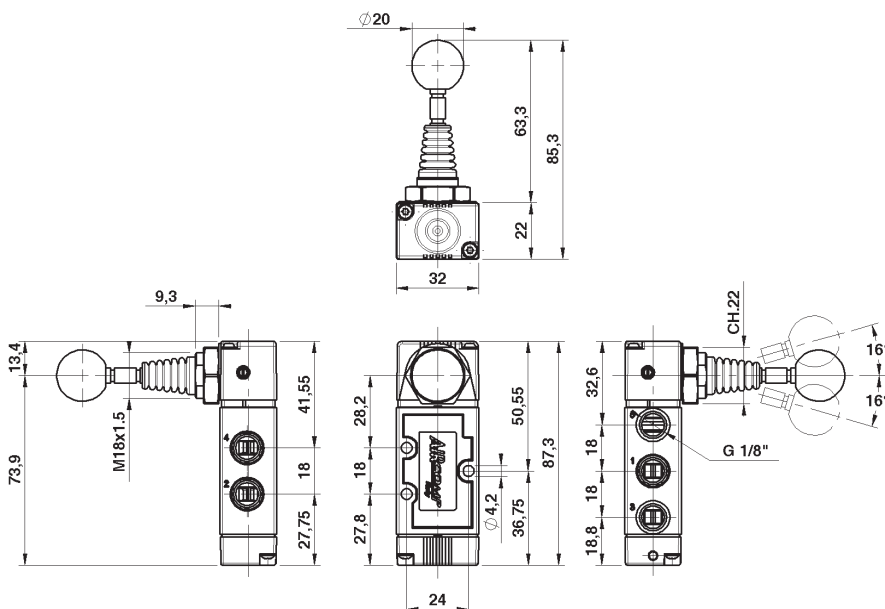
120 VM 1/8"

Valvole a comando manuale Manually operated Valves

Valvole a leva assiale 5/2 - 5/3
5/2 - 5/3 Axial lever valves



Valvole a leva 90° 5/2 - 5/3
5/2 - 5/3 90° Lever valves



Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 39 N
 Peso: 0,060 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Thrust force (6 Bar): 39 N
 Weight: 0,060 Kg

Codici di ordinazione
Order codes

CODE **REF.**
 1202423001 ME 1/8" 22 3 PU ML NC P

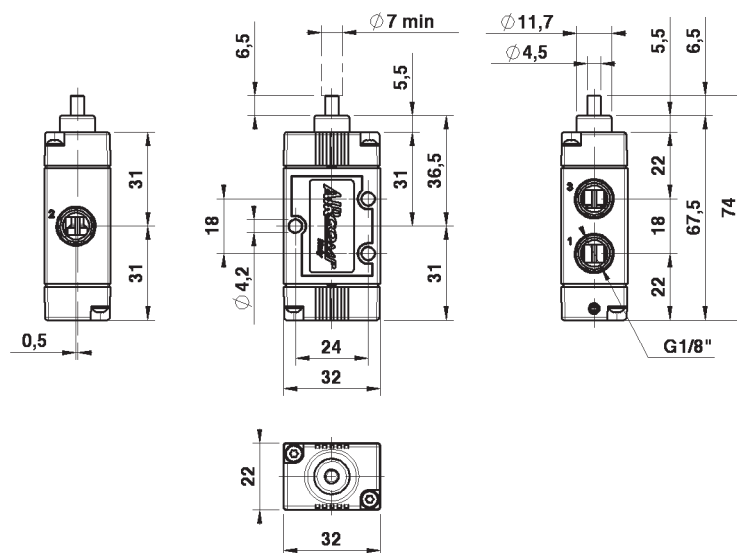


1202423002 ME 1/8" 22 3 PU ML NO P

120 ME 1/8"

Valvole a comando meccanico
Mechanically operated Valves

Valvole a puntale 3/2 NC-NO
 3/2 NC-NO pushrod valves

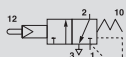


Dati Tecnici

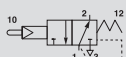
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 9 N
 Peso: 0,072 Kg

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Thrust force (6 Bar): 9 N
 Weight: 0,072 Kg

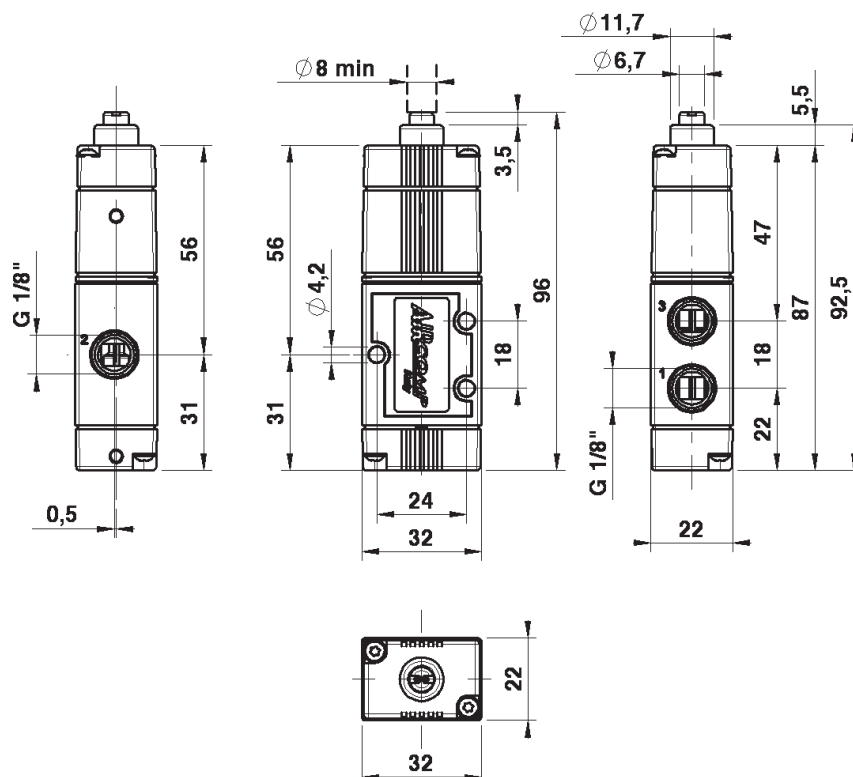
Codici di ordinazione
Order codes

CODE **REF.**
 1202523001 ME 1/8" 22 3 PS PM NC P



1202523002 ME 1/8" 22 3 PS PM NO P

Valvole a puntale servopilotate 3/2 NC-NO
 3/2 NC-NO Sensible pushrod valves



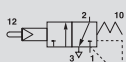
Valvole a comando meccanico
Mechanically operated Valves

Dati Tecnici

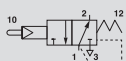
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 9 N
Peso: 0,075 Kg

Technical data

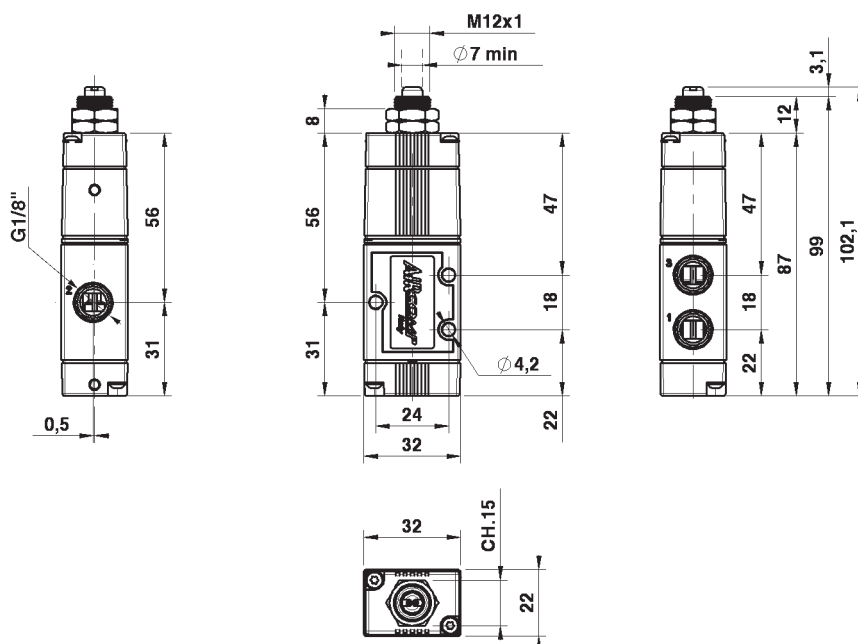
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Thrust force (6 Bar): 9 N
Weight: 0,075 Kg

Codici di ordinazione
Order codes

CODE 1202523007 **REF.** ME 1/8" 22 3 PO PM NC P



CODE 1202523008 **REF.** ME 1/8" 22 3 PO PM NO P

Valvole a puntale passa-parete servopilotate 3/2 NC-NO
3/2 NC-NO Sensible through-wall pushrod valves

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 16 N
Peso: 0,085 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Thrust force (6 Bar): 16 N
Weight: 0,085 Kg

Codici di ordinazione
Order codes

Versione con rullo in tecnopolimero.
Version with technopolymer roller.

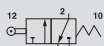


CODE 1202423003 **REF.** ME 1/8" 22 3 RL ML NC P



CODE 1202423004 **REF.** ME 1/8" 22 3 RL ML NO P

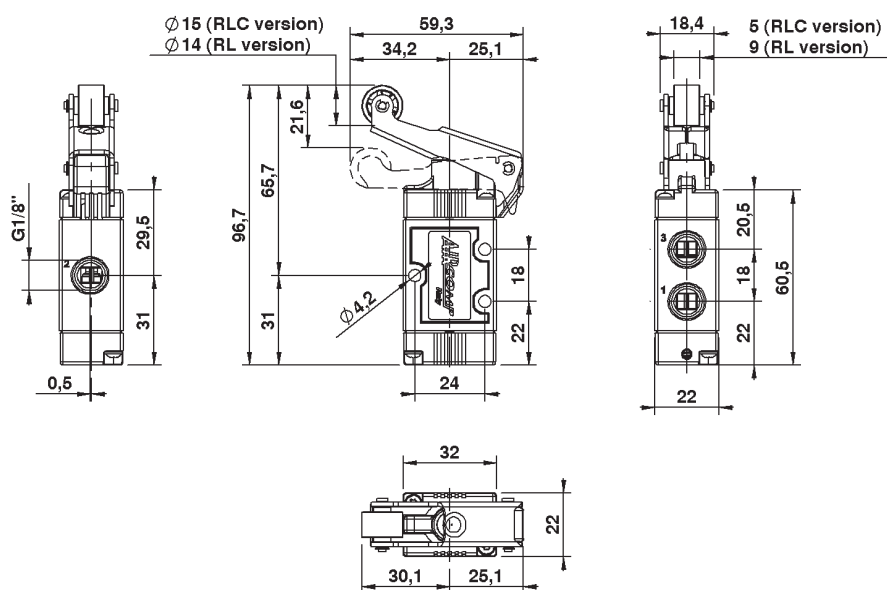
Versione con cuscinetto a sfere.
Version with ball bearing.



CODE 1202423007 **REF.** ME 1/8" 22 3 RLC ML NC P



CODE 1202423008 **REF.** ME 1/8" 22 3 RLC ML NO P

Valvole con leva a rullo 3/2 NC-NO
3/2 NC-NO Roller lever valves

Dati Tecnici

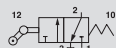
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 16 N
 Peso: 0,092 Kg

Technical data

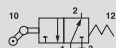
Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Thrust force (6 Bar): 16 N
 Weight: 0,092 Kg

Codici di ordinazione
Order codes

Versione con rullo in tecnopolimero.
 Version with technopolymer roller.

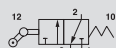


CODE **REF.**
 1202423005 ME 1/8" 22 3 RU ML NC P

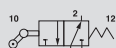


1202423006 ME 1/8" 22 3 RU ML NO P

Versione con cuscinetto a sfere.
 Version with ball bearing.



CODE **REF.**
 1202423009 ME 1/8" 22 3 RUC ML NC P



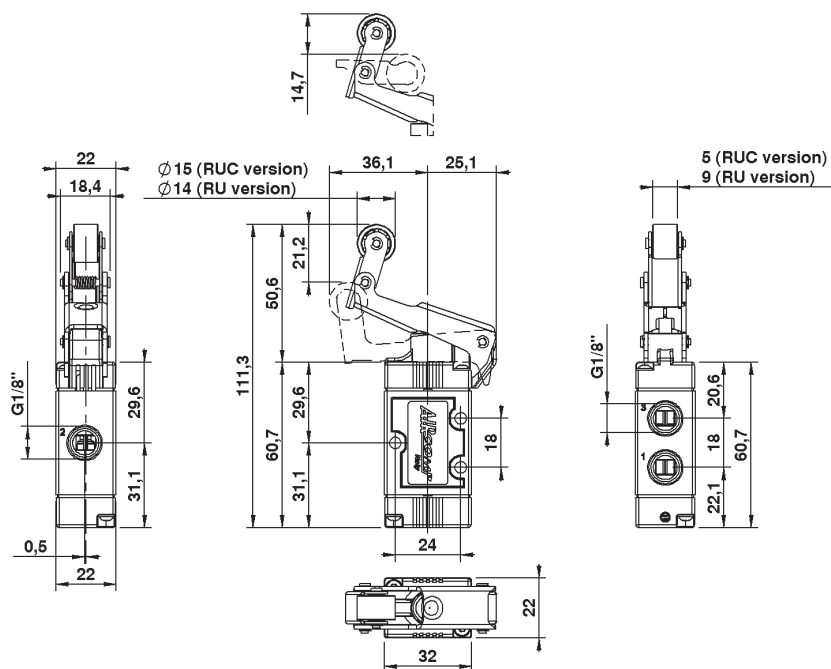
1202423010 ME 1/8" 22 3 RUC ML NO P

(Per disegni aggiornati della versione "RUC" contattare U.T. Aircomp)
 (For up-to-date "RUC" version drawing, contact Aircomp technical dept)

120 ME 1/8"

Valvole a comando meccanico
Mechanically operated Valves

Valvole con leva a rullo unidirezionale 3/2 NC-NO
 3/2 NC-NO Unidirectional roller lever valves

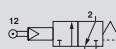


Dati Tecnici

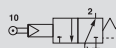
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 4,5 N
 Peso: 0,079 Kg

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Thrust force (6 Bar): 4,5 N
 Weight: 0,079 Kg

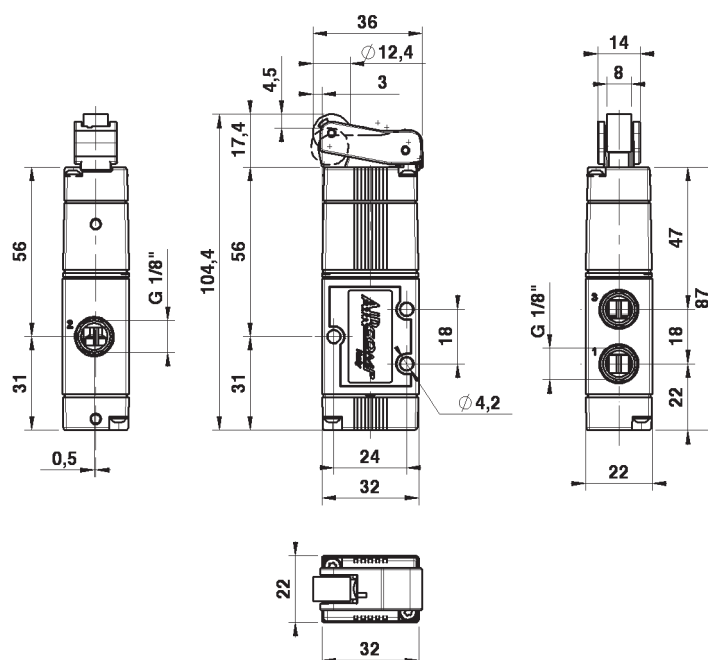
Codici di ordinazione
Order codes

CODE **REF.**
 1202523003 ME 1/8" 22 3 RS PM NC P



1202523004 ME 1/8" 22 3 RS PM NO P

Valvole con leva a rullo servopilotata 3/2 NC-NO
 3/2 NC-NO Sensible roller lever valves



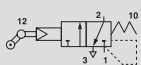
Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 4,5 N
Peso: 0,082 Kg

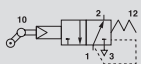
Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Thrust force (6 Bar): 4,5 N
Weight: 0,082 Kg

Codici di ordinazione
Order codes



CODE	REF.
1202523005	ME 1/8" 22 3 RO PM NC P

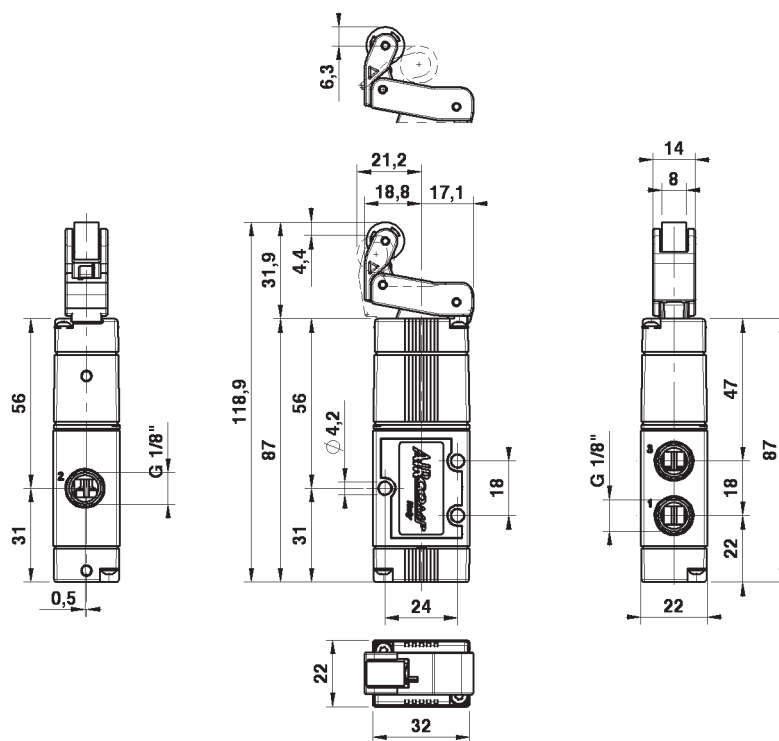


1202523006 ME 1/8" 22 3 RO PM NO P

120 ME 1/8"

Valvole a comando meccanico Mechanically operated Valves

Valvole con leva a rullo unidirezionale servopilotata 3/2 NC-NO
3/2 NC-NO Sensible unidirectional roller lever valves



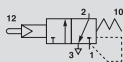
Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,080 Kg

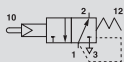
Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,080 Kg

Codici di ordinazione
Order codes

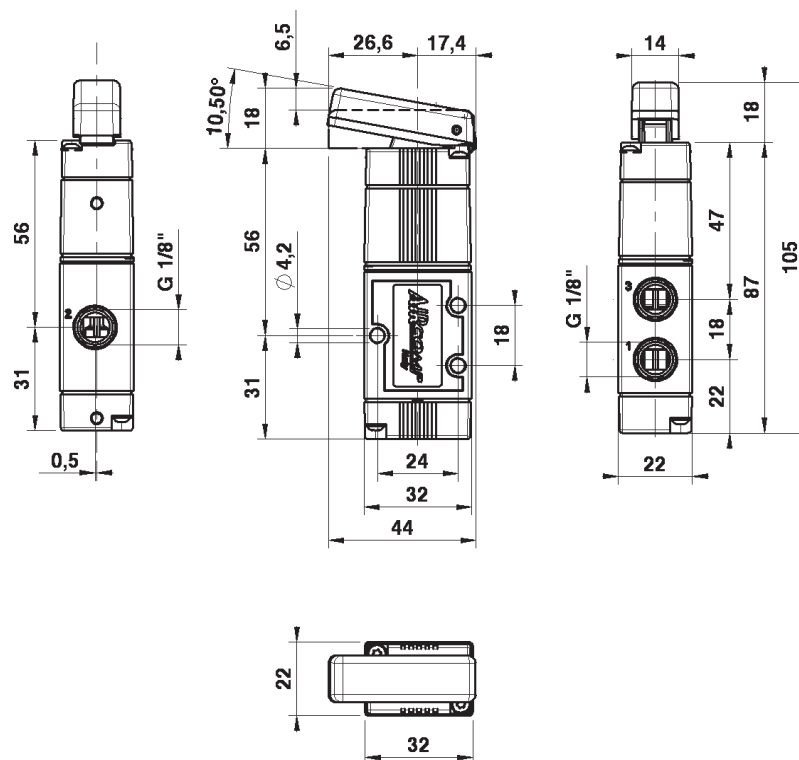


CODE	REF.
1202523011	ME 1/8" 22 3 LS PM NC P



1202523012 ME 1/8" 22 3 LS PM NO P

Valvola con leva a tasto servopilotata 3/2 NC-NO
3/2 NC-NO Sensible push lever valve



Valvole a comando meccanico
Mechanically operated Valves

Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)

Peso: 0,078 Kg

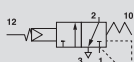
NB: E' disponibile, a richiesta, la versione ad antenna munita di stelo filettato e dadi di fissaggio.

Technical data

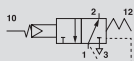
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)

Weight: 0,078 Kg

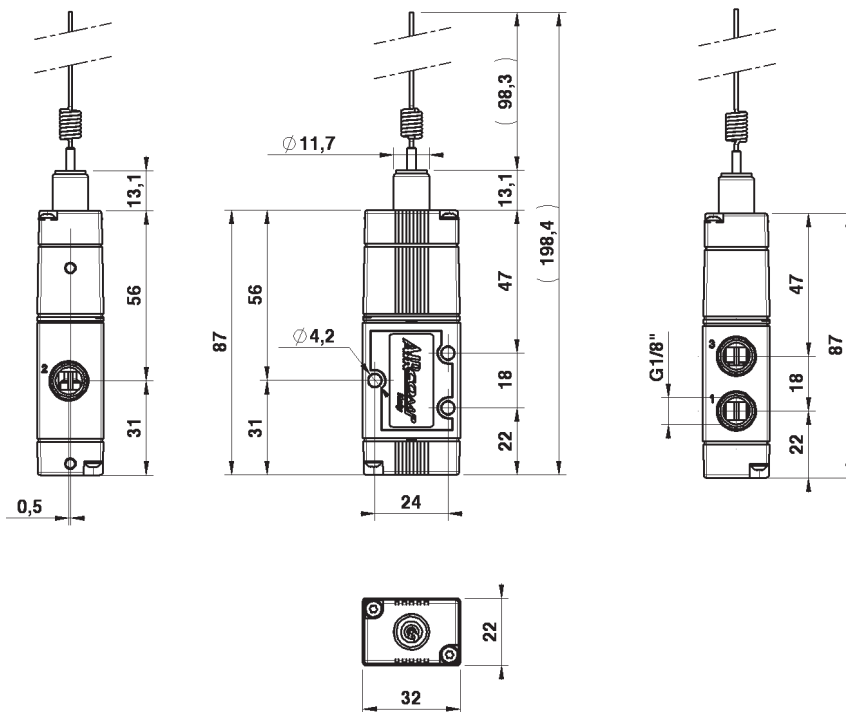
NB: On request is available whisker version provided with threaded rod and fixing nuts.

Codici di ordinazione
Order codes

CODE	REF.
1202523013	ME 1/8" 22 3 AN PM NC P



1202523014	ME 1/8" 22 3 AN PM NO P
------------	-------------------------

Valvole ad antenna 3/2 NC-NO
3/2 NC-NO Whisker valves

Dati Tecnici

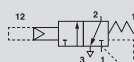
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)

Peso: 0,078 Kg

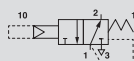
Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)

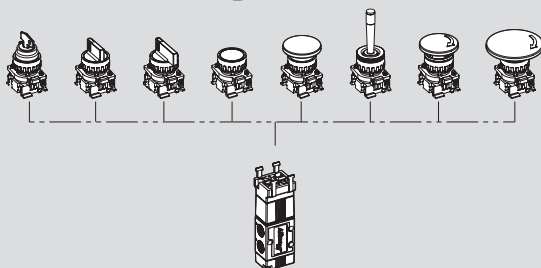
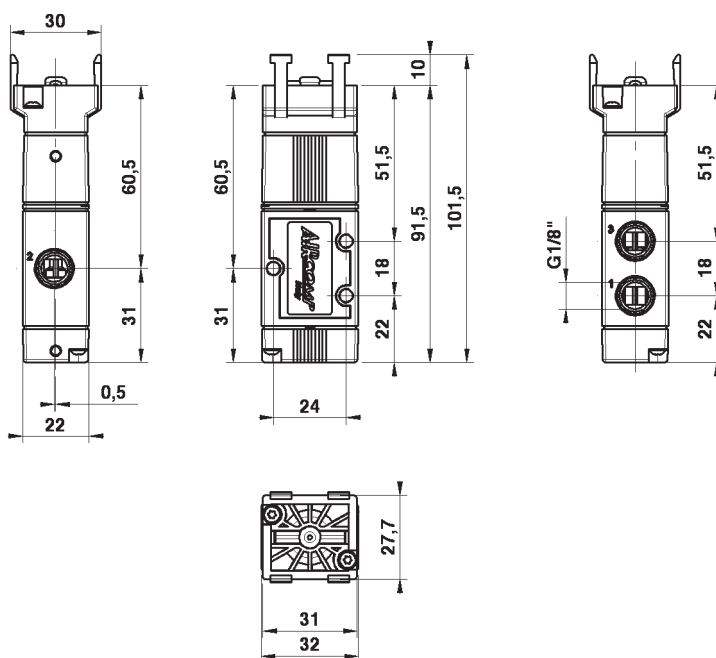
Weight: 0,078 Kg

Codici di ordinazione
Order codes

CODE	REF.
1202523009	ME 1/8" 22 3 PB PM NC P



1202523010	ME 1/8" 22 3 PB PM NO P
------------	-------------------------

Configurazioni disponibili (*)
Available configurations (*)Valvole 3/2 NC-NO predisposte per comandi a pannello
3/2 NC-NO Valves for panel mounting actuators

(*) Per la consultazione dei codici e delle caratteristiche degli attuatori vedi pag. 77.

(*) For actuators codes and features, refer to page 77.

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 39 N
 Peso: 0,067 Kg

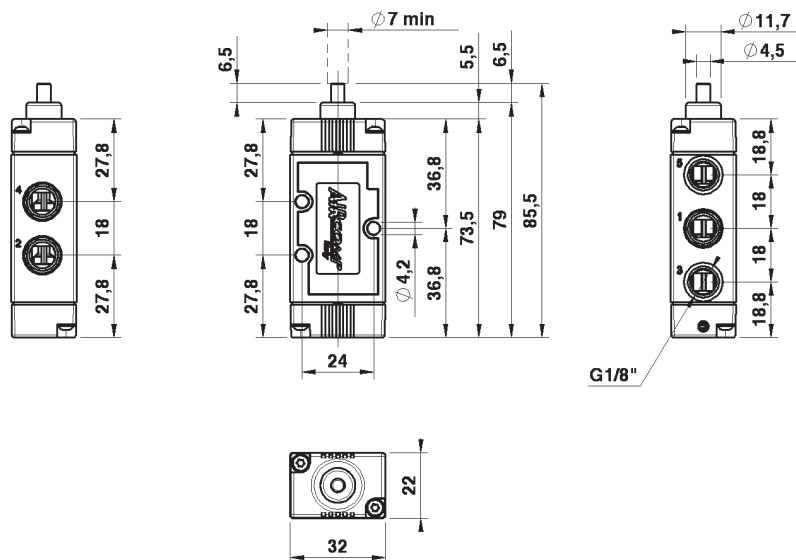
Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Thrust force (6 Bar): 39 N
 Weight: 0,067 Kg

Codici di ordinazione
Order codes

CODE	REF.
1202425001	ME 1/8" 22 5 PU ML OO P

120 ME 1/8"

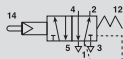
Valvole a comando meccanico
Mechanically operated ValvesValvola a puntale 5/2
5/2 Pushrod valve

Dati Tecnici

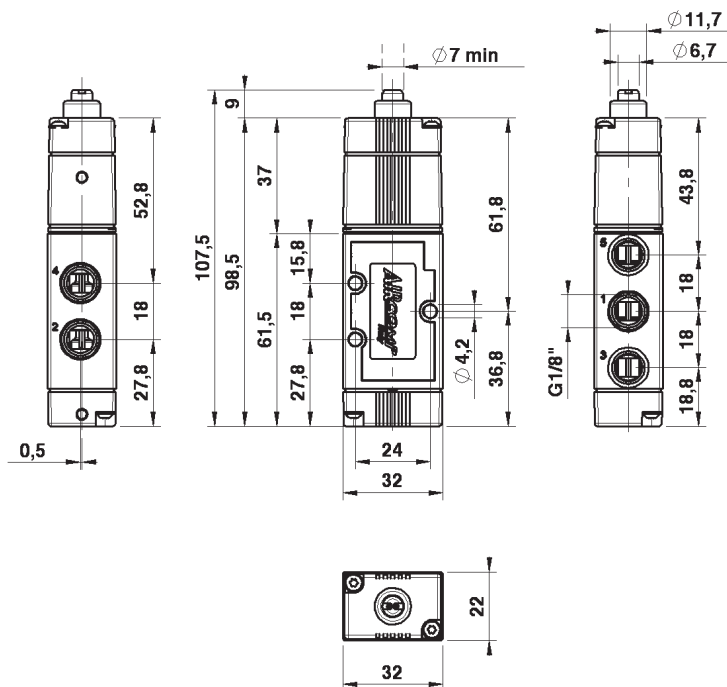
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 9 N
 Peso: 0,079 Kg

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Thrust force (6 Bar): 9 N
 Weight: 0,079 Kg

Codici di ordinazione
Order codes

CODE	REF.
1202525001	ME 1/8" 22 5 PS PM OO P

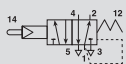
Valvola a puntale servopilotato 5/2
5/2 Sensible pushrod valve

Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 9 N
 Peso: 0,082 Kg

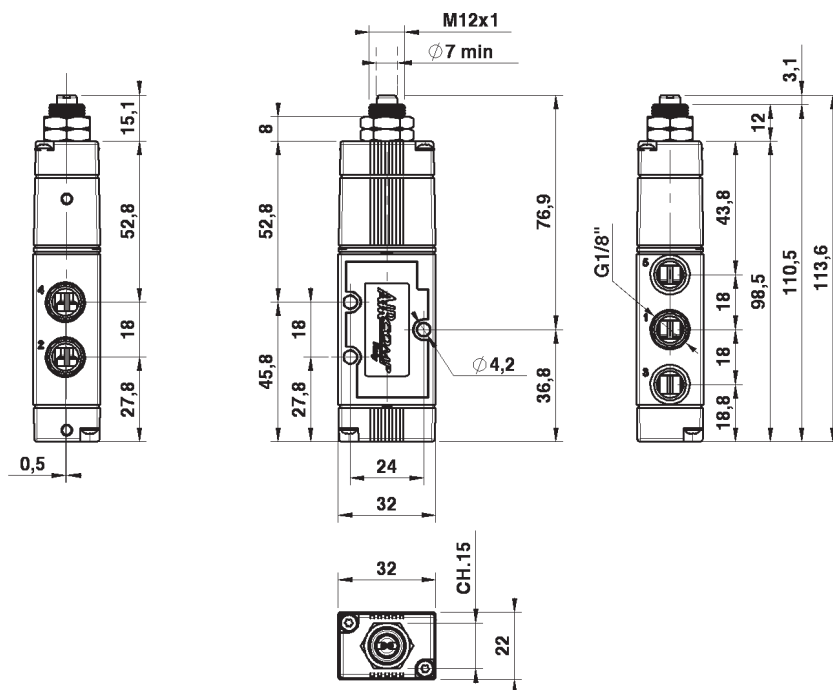
Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
 Thrust force (6 Bar): 9 N
 Weight: 0,082 Kg

Codici di ordinazione
Order codes

CODE 1202525004 **REF.** ME 1/8" 22 5 PO PM OO P

120 ME 1/8"

Valvole a comando meccanico
Mechanically operated ValvesValvola a puntale passa-parete servopilotato 5/2
5/2 Sensible through-wall pushrod valve

Dati Tecnici

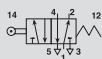
Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
 Forza d'azionamento (a 6 Bar): 16 N
 Peso: 0,092 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
 Thrust force (6 Bar): 16 N
 Weight: 0,092 Kg

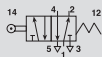
Codici di ordinazione
Order codes

Versione con rullo in tecnopolimero.
 Version with technopolymer roller.

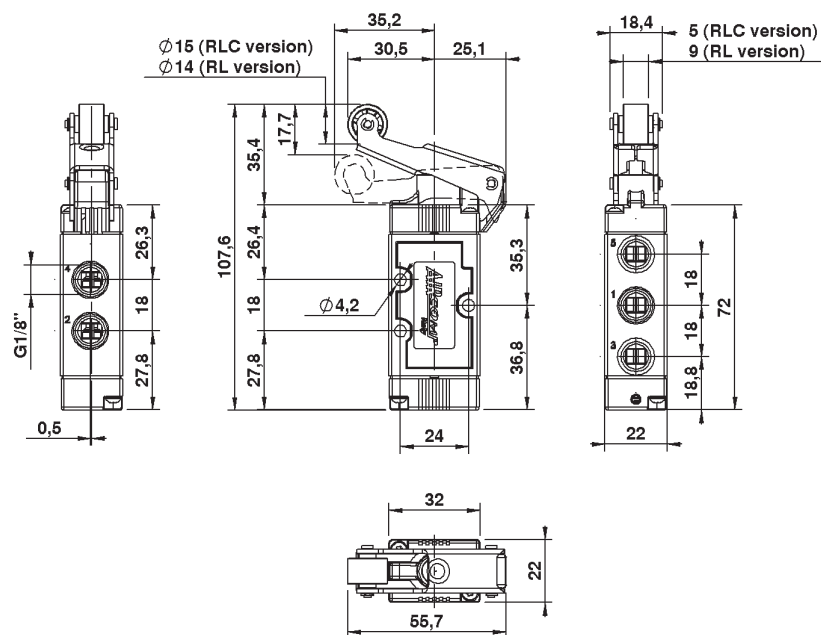


CODE 1202425002 **REF.** ME 1/8" 22 5 RL ML OO P

Versione con cuscinetto a sfere.
 Version with ball bearing.



CODE 1202425006 **REF.** ME 1/8" 22 5 RLC ML OO P

Valvola con leva a rullo 5/2
5/2 Roller lever valve

(Per disegni aggiornati della versione "RLC" contattare U.T. Aircomp)
 (For up-to-date "RLC" version drawing, contact Aircomp technical dept)

Dati Tecnici

Pressione d'esercizio: 0÷10 Bar (0÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 16 N
Peso: 0,098 Kg

Technical data

Working pressure: 0÷10 Bar (0÷1,00 MPa)
Thrust force (6 Bar): 16 N
Weight: 0,098 Kg

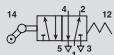
Codici di ordinazione
Order codes

Versione con rullo in tecnopolimero.
Version with technopolymer roller.



CODE	REF.
1202425003	ME 1/8" 22 5 RU ML OO P

Versione con cuscinetto a sfere.
Version with ball bearing.



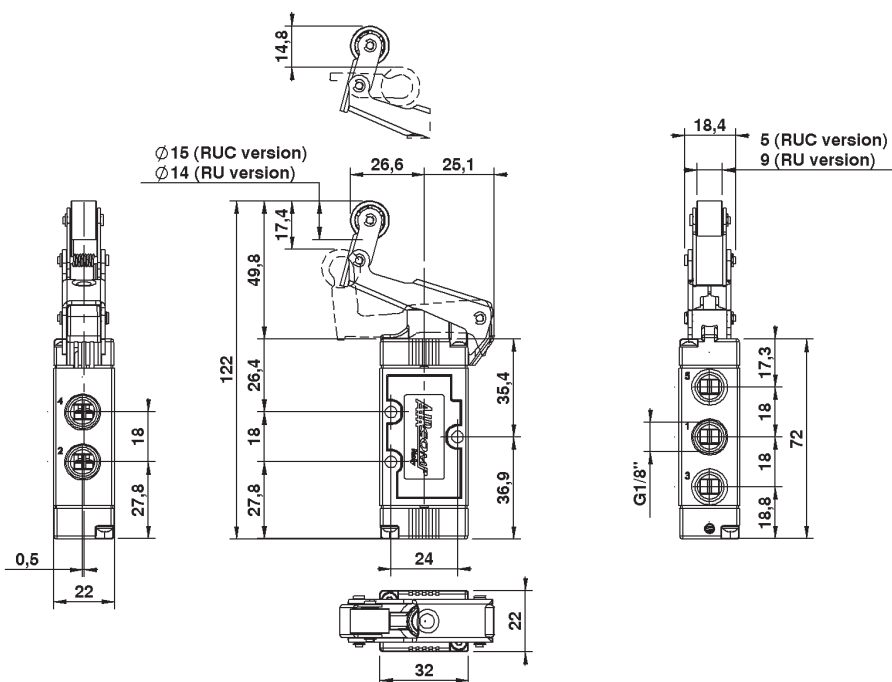
CODE	REF.
1202425007	ME 1/8" 22 5 RUC ML OO P

(Per disegni aggiornati della versione "RUC" contattare U.T. Aircomp)
(For up-to-date "RUC" version drawing, contact Aircomp technical dept)

120 ME 1/8"

Valvole a comando meccanico Mechanically operated Valves

Valvola con leva a rullo unidirezionale 5/2
5/2 Unidirectional roller lever valve



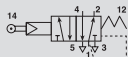
Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 4,5 N
Peso: 0,086 Kg

Technical data

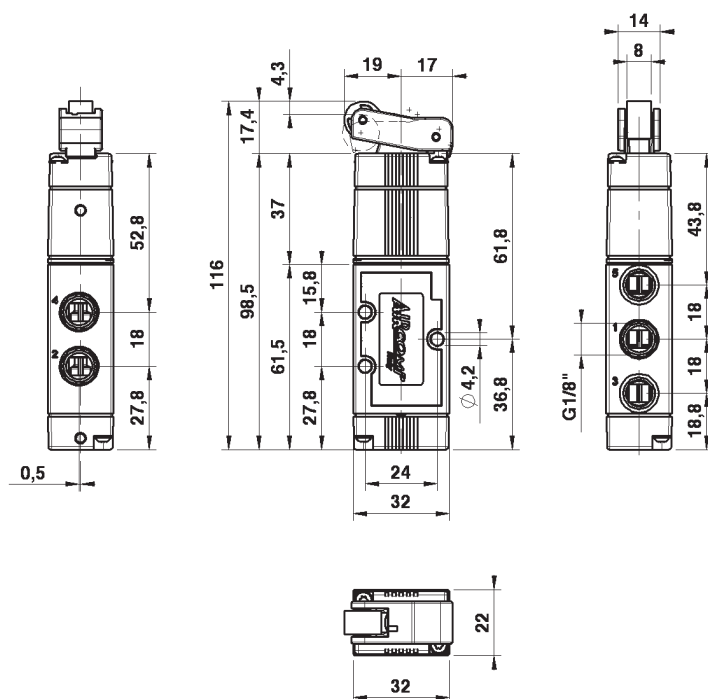
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Thrust force (6 Bar): 4,5 N
Weight: 0,086 Kg

Codici di ordinazione
Order codes



CODE	REF.
1202525002	ME 1/8" 22 5 RS PM OO P

Valvola con leva a rullo servopilotata 5/2
5/2 Sensible roller lever valve



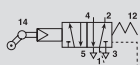
Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Forza d'azionamento (a 6 Bar): 4,5 N
Peso: 0,089 Kg

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Thrust force (6 Bar): 4,5 N
Weight: 0,089 Kg

Codici di ordinazione Order codes

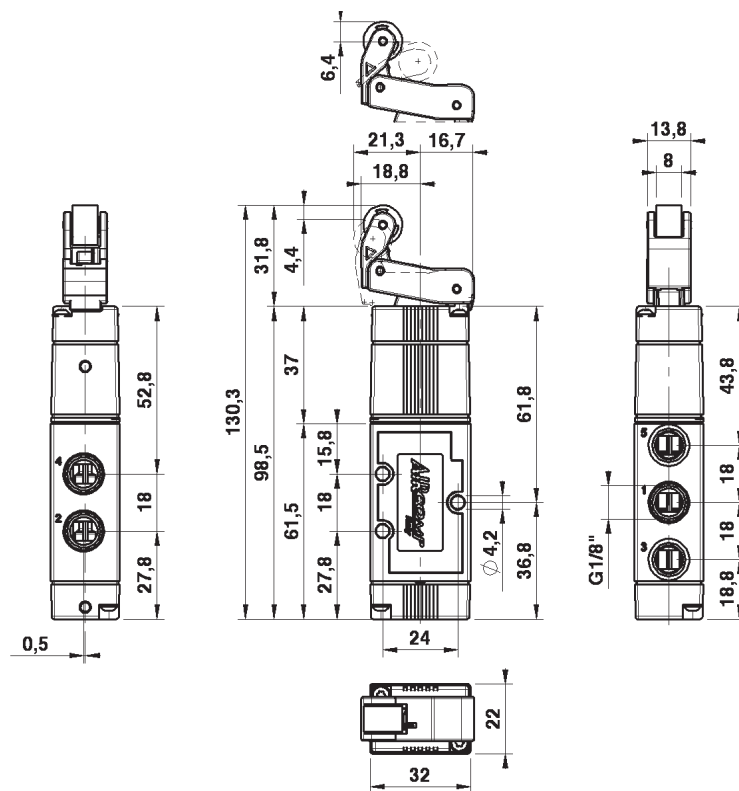


CODE 1202525003 **REF.** ME 1/8" 22 5 RO PM OO P

120 ME 1/8"

Valvole a comando meccanico Mechanically operated Valves

Valvola con leva a rullo unidirezionale servopilotata 5/2
5/2 Sensible unidirectional roller lever valve



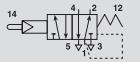
Dati Tecnici

Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,087 Kg

Technical data

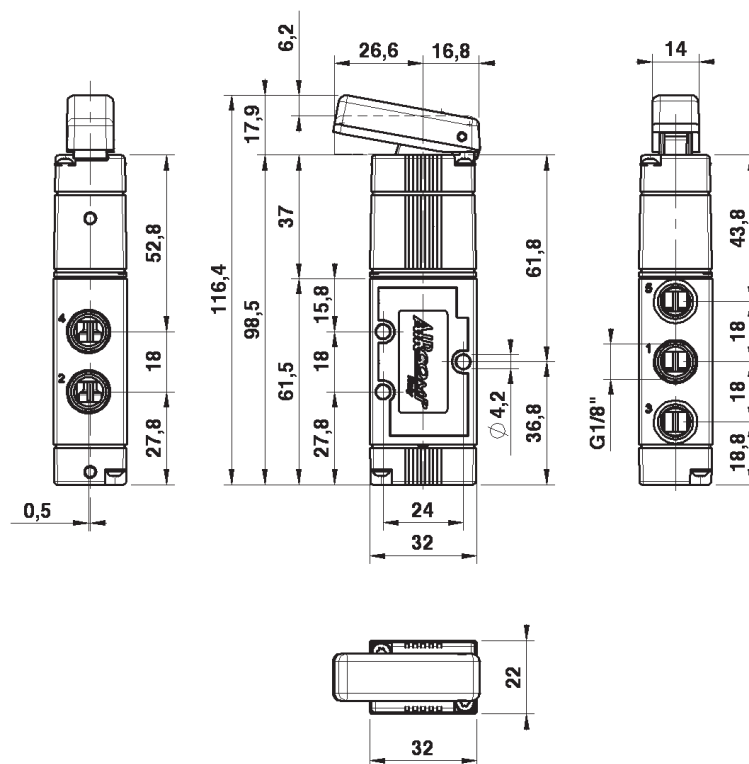
Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,087 Kg

Codici di ordinazione Order codes



CODE 1202525006 **REF.** ME 1/8" 22 5 LS PM OO P

Valvola con leva a tasto servopilotata 5/2
5/2 Sensible push lever valve



Dati Tecnici

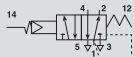
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,085 Kg
NB: E' disponibile, a richiesta, la versione ad antenna munita di stelo filettato e dadi di fissaggio.

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,085 Kg
NB: On request is available whisker version provided with threaded rod and fixing nuts.

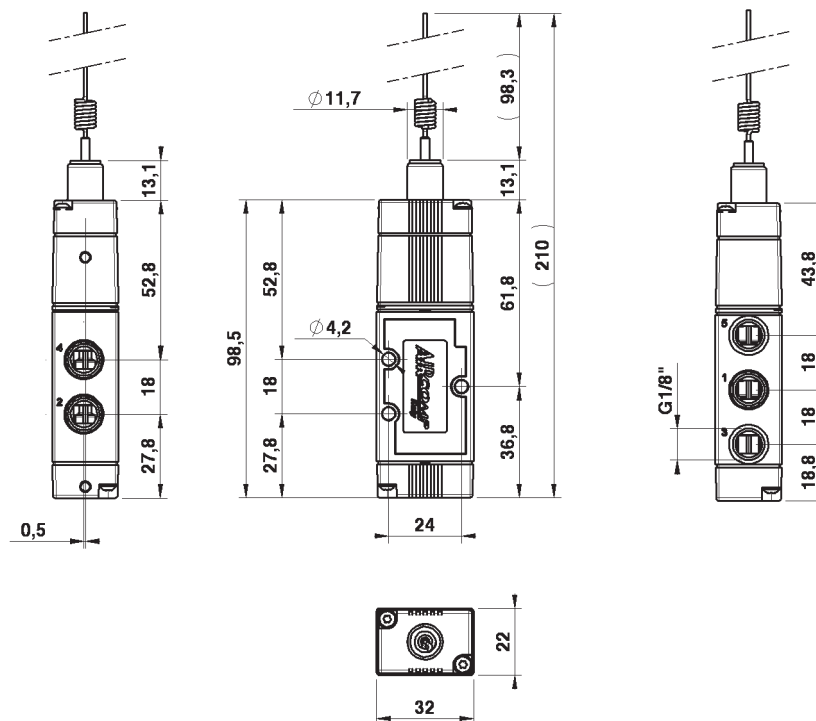
Codici di ordinazione

Order codes



CODE 1202525007 **REF.** ME 1/8" 22 5 AN PM OO P

Valvola ad antenna 5/2 5/2 Whisker valve



Dati Tecnici

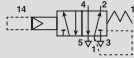
Pressione d'esercizio: 1÷10 Bar (0,10÷1,00 MPa)
Peso: 0,085 Kg

Technical data

Working pressure: 1÷10 Bar (0,10÷1,00 MPa)
Weight: 0,085 Kg

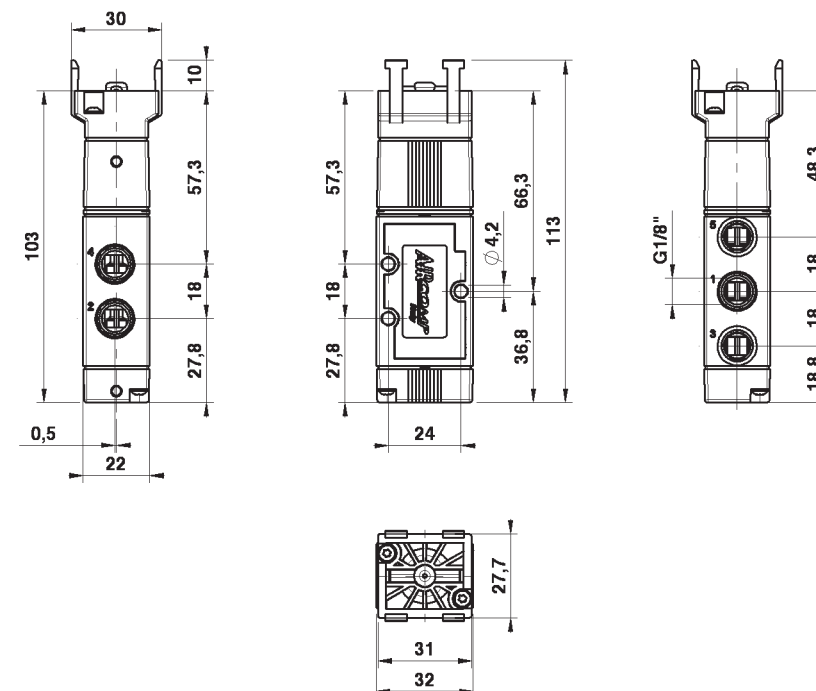
Codici di ordinazione

Order codes

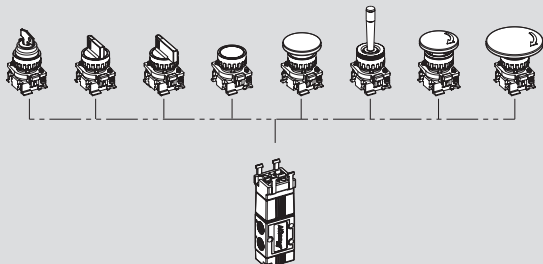


CODE 1202525005 **REF.** ME 1/8" 22 5 PB PM OO P

Valvola 5/2 predisposta per comandi a pannello 5/2 Valve for panel mounting actuators



Configurazioni disponibili (*) Available configurations (*)



(*) Per la consultazione dei codici e delle caratteristiche degli attuatori vedi pag. 77.

(*) For actuators codes and features, refer to page 77.