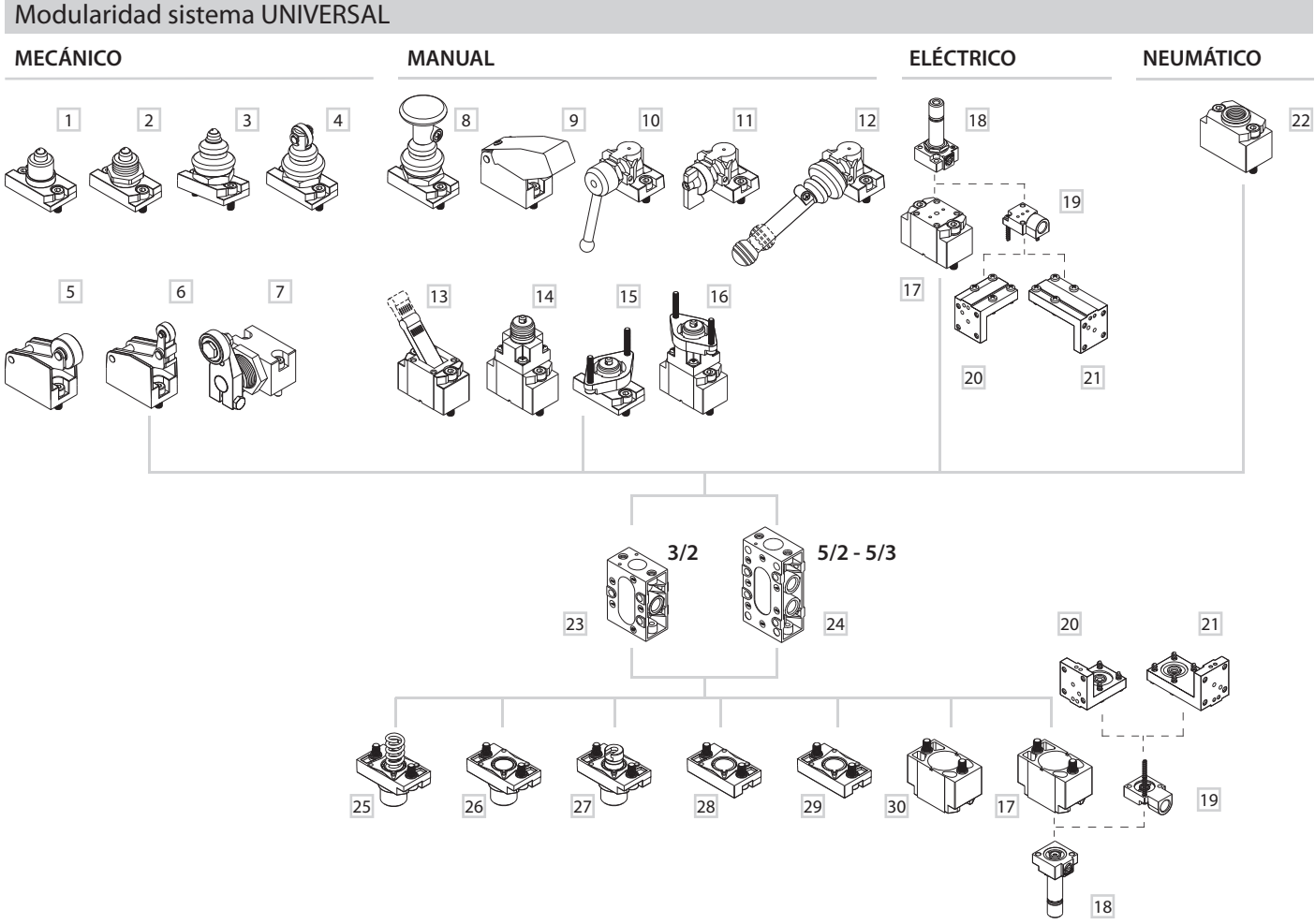
CARACTERÍSTICAS

Temperatura ambiente	-10 ÷ +45 °C	
Fluido	aire filtrado 50 µm, con o sin lubricación	
Sistema de conmutación	sistema de corredera	
Presión máx.	10 bar	
Conexiones	**G1/8**	**G1/4**
Diámetro nominal (mm)	6,5	8,5
Caudal nominal (Nl/min)	890	1480
Cuerpo válvula	zamak fundido a presión (G1/8), aluminio (G1/4)	
Juntas	NBR	
Corredera	aluminio	
Electropiloto/Bobina	serie AA/U1-U3	
Consumo energético	3,5 W (DC) - 5 VA (AC)	
Conector	AM 5110	
Voltaje	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC	
Mando manual	impulso con tornillo 2 posiciones	

NOTA: Algunas versiones con juntas para alta temperatura están disponibles bajo pedido
(Para más información contactar con nuestro departamento comercial)

Modularidad sistema UNIVERSAL



MANDO MECÁNICO
- 1 Puntal de bola
- 2 Puntal de bola para montaje con tornillo en panel
- 3 Puntal de bola con protección antipolvo
- 4 Puntal de rodillo con protección antipolvo
- 5 Palanca de rodillo
- 6 Palanca de rodillo unidireccional
- 7 Palanca de rodillo lateral bidireccional

MANDO MANUAL
- 8 Tirador
- 9 Pulsador
- 10 Palanca rotativa
- 11 Selector
- 12 Palanca 90° corta/larga
- 13 Palanca corta/larga
- 14 Accionamiento indirecto roscado
- 15 Accionamiento directo en panel
- 16 Accionamiento indirecto en panel

MANDO ELÉCTRICO
- 17 Eléctrico amplificado
- 18 Electropiloto U1
- 19 Placa para alimentación de pilotaje externa
- 20 Escuadra para bobina en posición "H"
- 21 Escuadra para bobina en posición "P"

MANDO NEUMÁTICO
- 22 Neumático amplificado

CUERPO
- 23 Cuerpo 3/2
- 24 Cuerpo 5/2

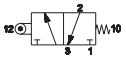
RETORNO
- 25 Muelle mecánico
- 26 Neumático no amplificado
- 27 Tapa trasera 2/3 posiciones
- 28 Tapa trasera
- 29 Muelle neumático
- 30 Neumático amplificado

Para tipos y versiones consultar el catálogo ATEX

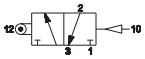
Válvulas con accionamiento mecánico directo **G1/8**

Palanca de rodillo

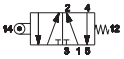
CL-100A



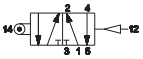
CL-100P



CM-400A

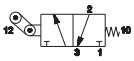


CM-400P

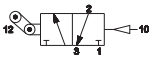


Palanca de rodillo unidireccional

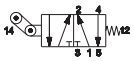
CL-101A



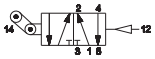
CL-101P



CM-401A

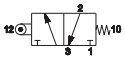


CM-401P

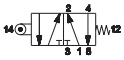


Rodillo lateral bidireccional

CL-106A

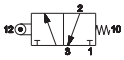


CM-406A

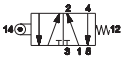


Rodillo lateral bidireccional regulable

CL-106AL

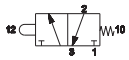


CM-406AL

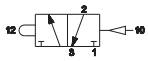


Puntal de bola

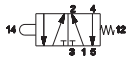
CL-102A



CL-102P



CM-402A



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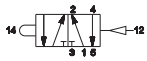
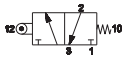
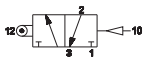


Puntal de rodillo con protección antipolvo

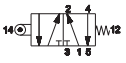
CL-105A



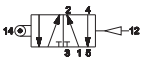
CL-105P



CM-405A

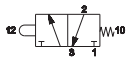


CM-405P

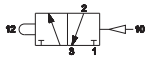


Puntal de bola con protección antipolvo

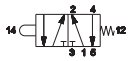
CL-104A



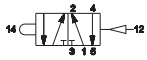
CL-104P



CM-404A

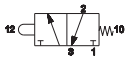


CM-404P

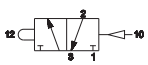


Puntal de bola para montaje con tornillo en panel

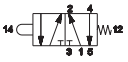
CL-103A



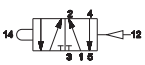
CL-103P



CM-403A



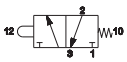
CM-403P



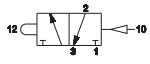
Válvula con accionamiento mecánico directo **G1/4**

Puntal de bola

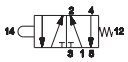
CL-9102A



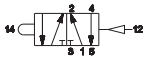
CL-9102P



CM-9402A

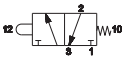


CM-9402P

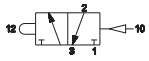


Puntal de bola para montaje con tornillo en panel

CL-9103A



CL-9103P



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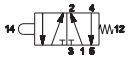
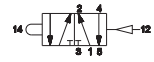


CM-9403P

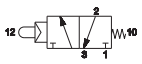


Sujeto a modificaciones

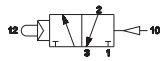
Válvulas con accionamiento indirecto **G1/8 - G1/4** para actuadores neumáticos y mecánicos

Puntal de bola

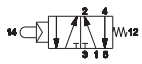
CL-110A G 1/8
CL-9110A G 1/4



CL-110P G 1/8
CL-9110P G 1/4



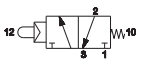
CM-410A G 1/8
CM-9410A G 1/4



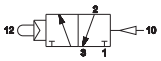
CM-410P G 1/8
CM-9410P G 1/4

Puntal de bola sensible

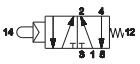
CL-111A G 1/8
CL-9111A G 1/4



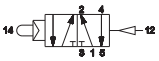
CL-111P G 1/8
CL-9111P G 1/4

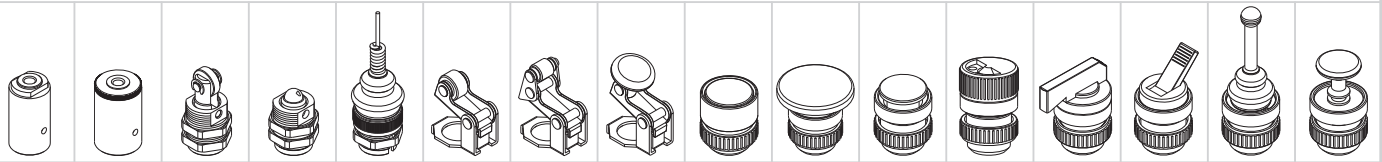


CM-411A G 1/8
CM-9411A G 1/4



CM-411P G 1/8
CM-9411P G 1/4



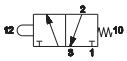


AI-3550	AI-3551	AI-3560	AI-3562	AI-3563	AI-3570	AI-3571	AI-3572	AI-3511 ■ AI-3512 ■ AI-3513 ■	AI-3514 ■ AI-3516 ■ AI-3514D ■ AI-3516D ■	AI-3515 ■ AI-3517 ■ AI-3519 ■	AI-3520 ■ AI-3521 ■	AI-3522 ■ (2 pos.) AI-3523 ■	AI-3524 ■	AI-3525 ■	AI-3526 ■

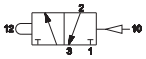
Válvulas con accionamiento directo e indirecto **G1/8 - G1/4** para actuadores en panel

Puntal de bola (accionamiento directo)

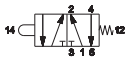
CL-112A



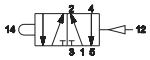
CL-112P



CM-412A

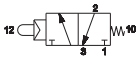


CM-412P

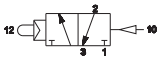


Puntal de bola (accionamiento indirecto)

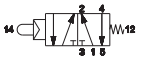
CL-113A G 1/8
CL-9113A G 1/4



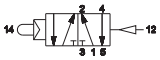
CL-113P G 1/8
CL-9113P G 1/4

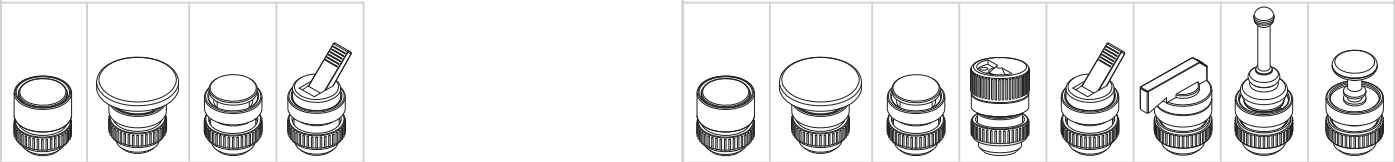


CM-413A G 1/8
CM-9413A G 1/4



CM-413P G 1/8
CM-9413P G 1/4



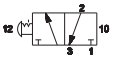


AI-3511Q ■ AI-3512Q ■ AI-3513Q ■	AI-3514Q ■ AI-3516Q ■ AI-3514QD ■ AI-3516QD ■	AI-3515Q ■ AI-3517Q ■ AI-3519Q ■	AI-3524Q ■	AI-3511Q ■ AI-3512Q ■ AI-3513Q ■	AI-3514Q ■ AI-3516Q ■ AI-3514QD ■ AI-3516QD ■	AI-3515Q ■ AI-3517Q ■ AI-3519Q ■	AI-3520Q ■ AI-3521Q ■	AI-3524Q ■	AI-3522Q ■ (2 pos.) AI-3523Q ■	AI-3525Q ■	AI-3526Q ■

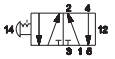
Válvulas con accionamiento manual **G1/8**

Tirador

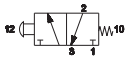
CL-120



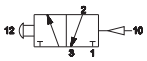
CM-420



CL-120A

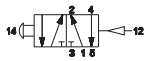


CL-120P



CM-420A

CM-420P

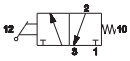


Las válvulas se suministran sin dispositivo

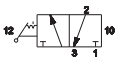
- AMARILLO **CP-911G**
- ROJO **CP-911R**
- NEGRO **CP-911N**
- VERDE **CP-911V**

Palanca larga

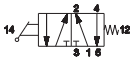
CL-118R



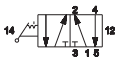
CL-121R



CM-418R

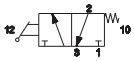


CM-421R

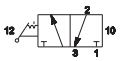


Palanca corta

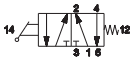
CL-119R



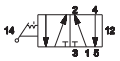
CL-122R



CM-419R



CM-422R



PALANCA LARGA

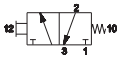
DE SERIE	BAJO PEDIDO
ROJO	AMARILLO
	NEGRO

PALANCA CORTA

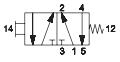
DE SERIE	BAJO PEDIDO
ROJO	AMARILLO
	NEGRO
	VERDE

Pulsador

CL-126A



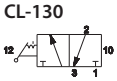
CM-426A



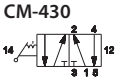
DE SERIE
ROJO

Palanca rotativa

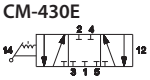
CL-130



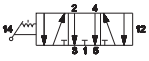
CM-430



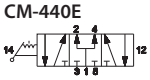
CM-430E



CM-435E



CM-440E



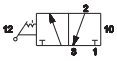
Las válvulas se suministran sin dispositivo

ROJO **CP-915R**

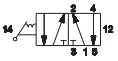
ROJO **CP-916R**

Palanca 90°

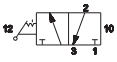
CL-123



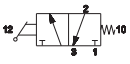
CM-423



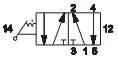
CL-123D



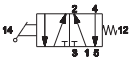
CL-123A



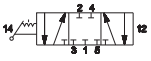
CM-423D



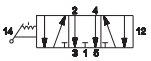
CM-423A



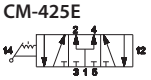
CM-423E



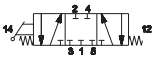
CM-424E



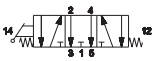
CM-425E



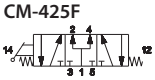
CM-423F



CM-424F



CM-425F



Las válvulas se suministran sin dispositivo

PALANCA LARGA

ROJO **CP-913R**

PALANCA CORTA

- AMARILLO **CP-912G**
- ROJO **CP-912R**
- NEGRO **CP-912N**

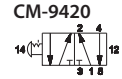
Sujeto a modificaciones

Válvulas con accionamiento manual **G1/4**

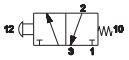
Tirador

CL-9120

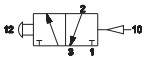
CM-9420



CL-9120A



CL-9120P



CM-9420A

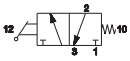
CM-9420P

Las válvulas se suministran sin dispositivo

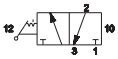
- AMARILLO **CP-911G**
- ROJO **CP-911R**
- NEGRO **CP-911N**
- VERDE **CP-911V**

Palanca larga

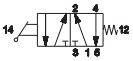
CL-9118R



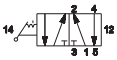
CL-9121R



CM-9418R



CM-9421R

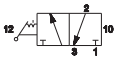


DE SERIE
- ROJO

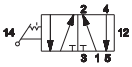
BAJO PEDIDO
- AMARILLO
- NEGRO

Palanca rotativa

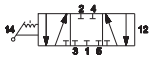
CL-9130



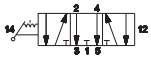
CM-9430



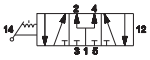
CM-9430E



CM-9435E



CM-9440E



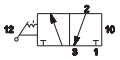
Las válvulas se suministran sin dispositivo

- ROJO **CP-915R**

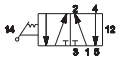
- ROJO **CP-916R**

Palanca 90°

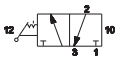
CL-9123



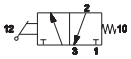
CM-9423



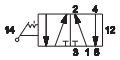
CL-9123D



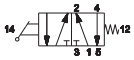
CL-9123A

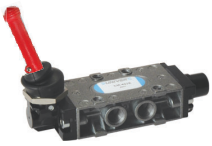


CM-9423D

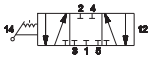


CM-9423A

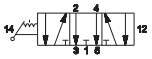




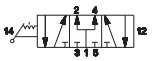
CM-9423E



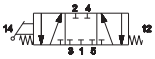
CM-9424E



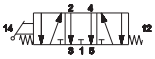
CM-9425E



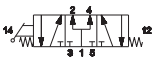
CM-9423F



CM-9424F



CM-9425F



Las válvulas se suministran con dispositivo palanca larga

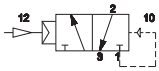
PALANCA LARGA

- ROJO **CP-913R**

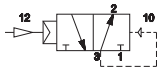
Válvulas con accionamiento neumático **G1/8 - G1/4**

Simple impulso

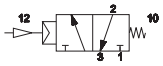
CL-200 G1/8
CL-9200 G1/4



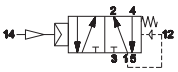
CL-203 G1/8 (NO)
CL-9203 G1/4 (NO)



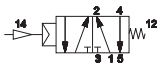
CL-200A G1/8
CL-9200A G1/4



CM-500 G1/8
CM-9500 G1/4

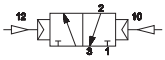


CM-500A G1/8
CM-9500A G1/4

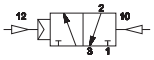


Doble impulso

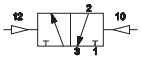
CL-220 G1/8
CL-9220 G1/4



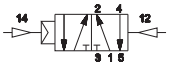
CL-221 G1/8
CL-9221 G1/4



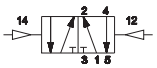
CL-224 G1/8
CL-9224 G1/4



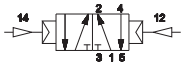
CM-521 G1/8
CM-9521 G1/4



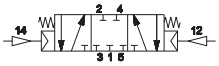
CM-524 G1/8
CM-9524 G1/4



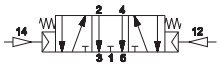
CM-520 G1/8
CM-9520 G1/4



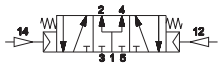
CM-580 G1/8
CM-9580 G1/4



CM-585 G1/8
CM-9585 G1/4



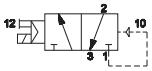
CM-590 G1/8
CM-9590 G1/4



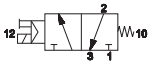
Válvulas con accionamiento eléctrico **G1/8 - G1/4**

Simple impulso

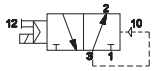
CL-300 G1/8
CL-9300 G1/4



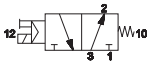
CL-302A G1/8
CL-9302A G1/4



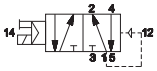
CL-301 G1/8
CL-9301 G1/4



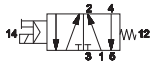
CL-303A G1/8 (NO)
CL-9303A G1/4 (NO)



CM-600 G1/8
CM-9600 G1/4

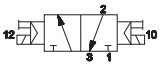


CM-602A G1/8
CM-9602A G1/4

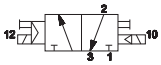


Doble impulso

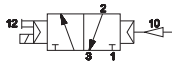
CL-320 G1/8
CL-9320 G1/4



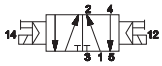
CL-321 G1/8
CL-9321 G1/4



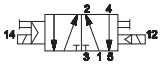
CL-322 G1/8
CL-9322 G1/4



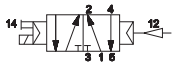
CM-620 G1/8
CM-9620 G1/4



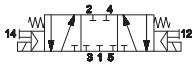
CM-621 G1/8
CM-9621 G1/4



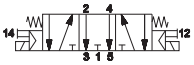
CM-622 G1/8
CM-9622 G1/4



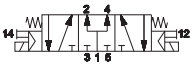
CM-680 G1/8
CM-9680 G1/4



CM-685 G1/8
CM-9685 G1/4

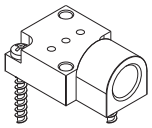
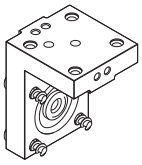
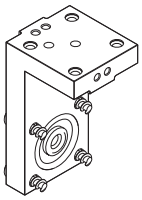


CM-690 G1/8
CM-9690 G1/4

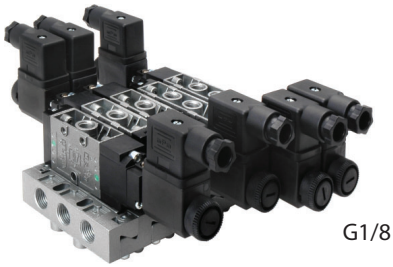


Las electroválvulas se suministran sin bobinas/conectores/tuercas de fijación

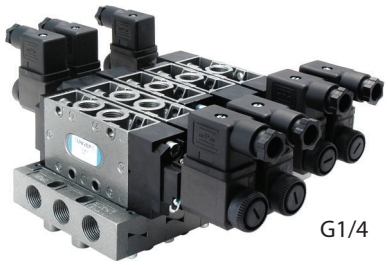
Sujeto a modificaciones

AM-5148	AM-5151	AM-5152
		
Placa para alimentación de pilotaje externa	Escuadra para bobina en posición "H"	Escuadra para bobina en posición "P"

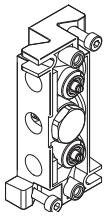
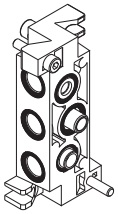
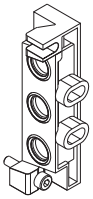
Placa base modular CLIPS **G1/8 - G1/4** para válvulas 3/2 - 5/2 - 5/3

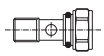


G1/8



G1/4

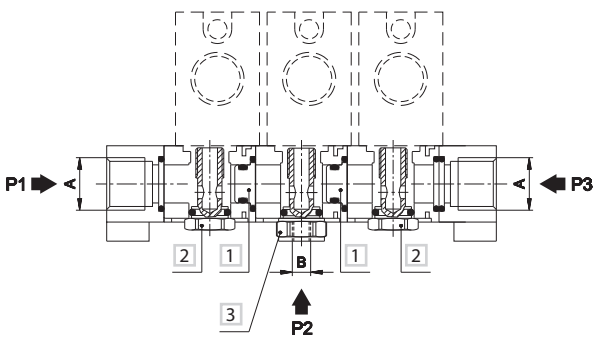
CP-100/CP-9100	CP-101/CP-9101	CP-105/CP-9105	CP-106
			
placa base modular escapes regulables y encanalados **CP-100** para G1/8, **CP-9100** para G1/4 material: zamak De serie: tornillos, juntas, regulador de escapes y racor de fijación válvulas	placa base modular sin escapes regulables **CP-101** para G1/8, **CP-9101** para G1/4 material: zamak De serie: tornillos, juntas y racor de fijación válvulas	placa de entrada conexiones laterales conexión: **CP-105** G1/4, **CP-9105** G3/8 material: zamak De serie: tornillos y juntas	placa posición válvula no utilizada bases G1/8 material: aluminio

CP-110/CP-9110	CP-111/CP-9111	CP-112/CP-9112	CP-113/CP-9113
			
racor conexión: **CP-110** G1/8, **CP-9110** G1/4 material: latón	separador de presiones diferenciales **CP-111** para G1/8, **CP-9111** para G1/4 material: aluminio	tapón para montaje válvula 3/2 **CP-112** para G1/8, **CP-9112** para G1/4 material: aluminio	tornillo de regulación **CP-113** para G1/8, **CP-9113** para G1/4 material: latón

Para cada presión adicional se requieren un racor y dos separadores

Tapón para montaje válvulas 3/2 NC-NO en placa base "CLIPS" para cerrar la vía no utilizada.
Placa base de serie con tornillo de regulación con cabeza ranurada
Bajo pedido tornillo de regulación con cabeza moleteada

Ejemplo de montaje de batería con 3 presiones



	A	B
G1/8	G1/4	G1/8
G1/4	G3/8	G1/4

1 Separador de presiones diferenciales **CP-111/CP-9111**
2 Racor de fijación válvula integrado en la placa base
3 Racor **CP-110/CP-9110**