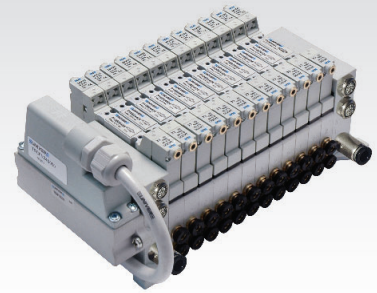


## CARACTERÍSTICAS

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| Temperatura ambiente    | -5 ÷ +50 °C                                         |
| Fluido                  | aire filtrado 10 µm, con o sin lubricación          |
| Sistema de conmutación  | corredera                                           |
| Presión máx.            | 7 bar (mando eléctrico)<br>10 bar (mando neumático) |
| Conexiones              | M5 (P10F) - M5, M7, tubo Ø 4 (P10B)                 |
| Caudal nominal (NI/min) | 310 (5/2) 230 (5/3) 250 (3/2+3/2)                   |
| Cuerpo válvula          | zamak                                               |
| Juntas                  | NBR                                                 |
| Electropiloto           | B10 (0,3W) - B11 (1 W)                              |
| Corredera               | aluminio                                            |
| Voltaje                 | 24 V DC (± 10%)                                     |
| Consumo energético      | B10 = 0,3 W, arranque 1,3 W (25 ms) B11 = 1 W       |
| Clase de protección     | IP65                                                |
| Mando manual            | pulsador empotrado 1 posición                       |



## CLAVE DE CODIFICACIÓN

|   |   |   |   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|---|---|---|--|--|
| P | 1 | 0 | F | 2 | 4 | 4 | 2 | 4 |  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |   |   |  |  |

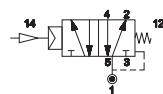
| 1 Serie                                                              | 2 Tipología                                                                                                                                                    | 3 Mando 14                                                                                                                   | 4 Retorno 12                                                                                                                                                                                   |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>P10F</b> = Cuerpo roscado<br><b>P10B</b> = Cuerpo para placa base | <b>2</b> = 5/2 <b>6</b> = 3/2+3/2 NC-NC<br><b>3</b> = 5/3 c.c. <b>7</b> = 3/2+3/2 NC-NO<br><b>4</b> = 5/3 c.a. <b>8</b> = 3/2+3/2 NO-NO<br><b>5</b> = 5/3 c.p. | <b>3</b> = Neumático amplificado<br><b>4</b> = Eléctrico amplificado 90° (0,3W)<br><b>6</b> = Eléctrico amplificado 90° (1W) | <b>0</b> = Muelle neumo-mecánico<br><b>1</b> = Muelle mecánico<br><b>3</b> = Neumático amplificado<br><b>4</b> = Eléctrico amplificado 90° (0,3W)<br><b>6</b> = Eléctrico amplificado 90° (1W) |
| 5 Voltaje                                                            | 6 Variante                                                                                                                                                     | 7 Variante ATEX                                                                                                              |                                                                                                                                                                                                |
| 24 = 24 V DC                                                         | D = Alimentación de pilotaje externa en cuerpo válvula (P10 = M3)                                                                                              | X = ATEX (bajo pedido)                                                                                                       |                                                                                                                                                                                                |

Para tipos y versiones consultar el catálogo ATEX

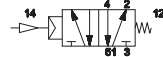
c.c. = centros cerrados    c.a. = centros abiertos    c.p. = centros en presión

## Impulso neumático - Conexiones roscadas M5

### Simple impulso

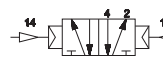


P10F230

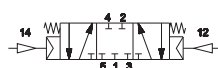


P10F231

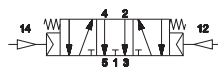
### Doble impulso



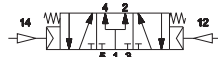
P10F233



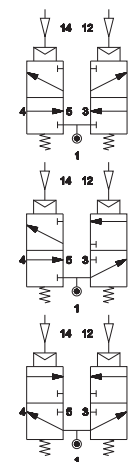
P10F333



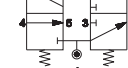
P10F433



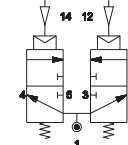
P10F533



P10F633



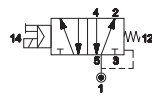
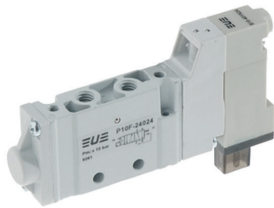
P10F733



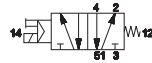
P10F833

## Impulso eléctrico - Conexiones roscadas M5

### Simple impulso



P10F24024 0,3 W  
P10F26024 1 W



P10F24124 0,3 W  
P10F26124 1 W

#### B10



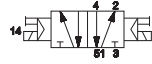
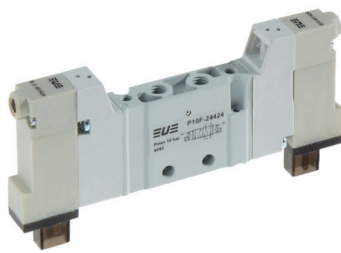
Bajo consumo 0,3 W

#### B11

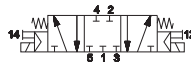


Standard 1 W

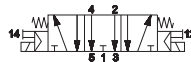
### Doble impulso



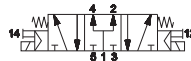
P10F24424 0,3 W  
P10F26624 1 W



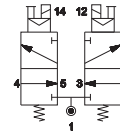
P10F34424 0,3 W  
P10F36624 1 W



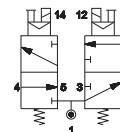
P10F44424 0,3 W  
P10F46624 1 W



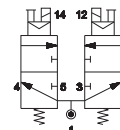
P10F54424 0,3 W  
P10F56624 1 W



P10F64424 0,3 W  
P10F66624 1 W

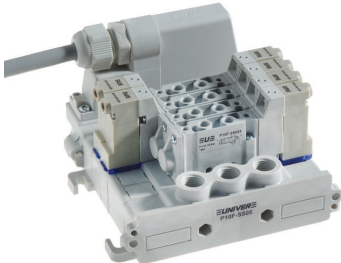


P10F74424 0,3 W  
P10F76624 1 W



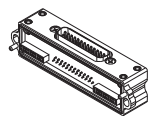
P10F84424 0,3 W  
P10F86624 1 W

## Conexión eléctrica integrada - Conexiones roscadas M5



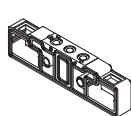
Configuración con. 25p  
máx 12 biestables

#### TIM1024



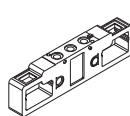
módulo de conexión  
25 polos macho tipo D-sub

#### P10SF100



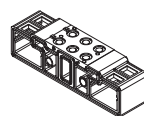
base 1 posición

#### P10SF110



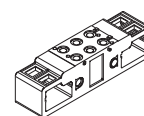
base 1 posición  
1-3-5 cerrados

#### P10SF200



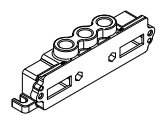
base 2 posiciones

#### P10SF210



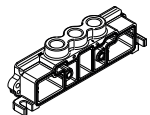
base 2 posiciones  
1-3-5 cerrados

#### P10SF500



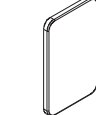
placa de alimentación G1/8  
izquierda para módulo TIM

#### P10SF505



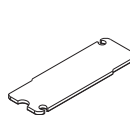
placa de alimentación  
G1/8 derecha

#### P10SF550



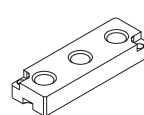
placa separadora de  
presión

#### P10SF560



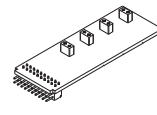
placa de cierre para  
posición válvula no utilizada

#### P10SF570



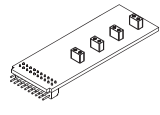
placa de alimentación  
intermedia

#### P10SS14\*\*M



tarjeta BUS de conexión,  
lado 14  
\*\* = 04, 06, 08, 10, 12  
posiciones

#### P10SS12\*\*M



tarjeta BUS de conexión,  
lado 12  
\*\* = 04, 06, 08, 10, 12  
posiciones

#### P10STR01



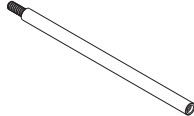
tirante modular  
1 posición válvula

#### P10STR02



tirante modular  
2 posiciones válvula

#### P10STR05



tirante modular  
5 posiciones válvula

#### AZ4-SN003A

n. 100 tuercas M3 para tirantes

#### AZ4-VN0310

n. 100 tornillos M3x10 para tirantes

## Conexión eléctrica con conector externo - Conexiones roscadas M5

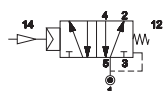
3



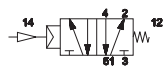
| P10SF300                                                 | P10SF310                                                    | P10SF400                              | P10SF410                                | P10SF515                                        | P10SF550                                                                                                                    |
|----------------------------------------------------------|-------------------------------------------------------------|---------------------------------------|-----------------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                                          |                                                             |                                       |                                         |                                                 |                                                                                                                             |
| base 1 posición                                          | base 1 posición<br>1-3-5 cerrados                           | base 2 posiciones                     | base 2 posiciones<br>1-3-5 cerrados     | placa de alimentación<br>derecha/izquierda G1/8 | placa separadora de<br>presión                                                                                              |
| P10SF560                                                 | P10SF570                                                    | P10STR01                              | P10STR02                                | P10STR05                                        |                                                                                                                             |
|                                                          |                                                             |                                       |                                         |                                                 |                                                                                                                             |
| placa de cierre para<br>posición válvula no<br>utilizada | placa de alimentación<br>intermedia para versión<br>roscada | tirante modular<br>1 posición válvula | tirante modular<br>2 posiciones válvula | tirante modular<br>5 posiciones válvula         |                                                                                                                             |
|                                                          |                                                             |                                       |                                         |                                                 | <b>AZ4-SN003A</b><br>n. 100 tuercas M3<br>para tirantes<br><br><b>AZ4-VN0310</b><br>n. 100 tornillos M3x10<br>para tirantes |

## Impulso neumático - Para placa base

### Simple impulso



P10B230

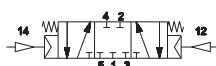


P10B231

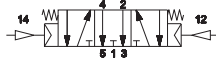
### Doble impulso



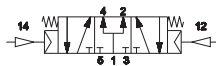
P10B233



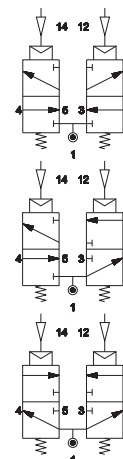
P10B333



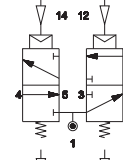
P10B433



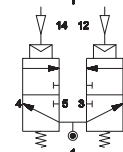
P10B533



P10B633



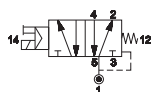
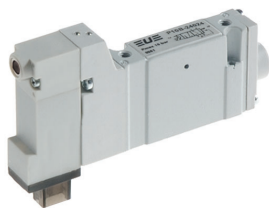
P10B733



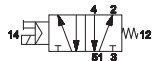
P10B833

## Impulso eléctrico - Para placa base

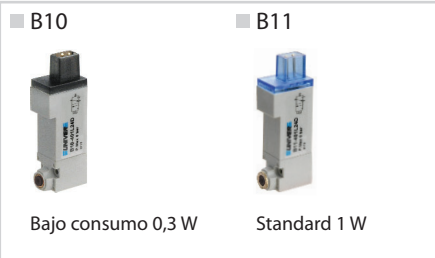
### Simple impulso



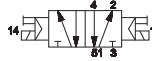
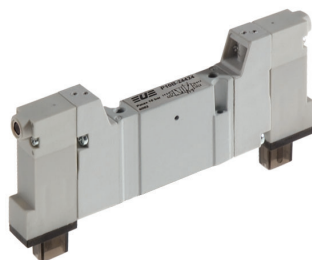
P10B24024 0,3 W  
P10B26024 1 W



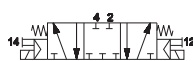
P10B24124 0,3 W  
P10B26124 1 W



### Doble impulso



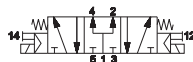
P10B24424 0,3 W  
P10B26624 1 W



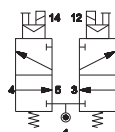
P10B34424 0,3 W  
P10B36624 1 W



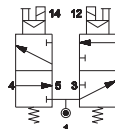
P10B44424 0,3 W  
P10B46624 1 W



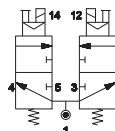
P10B54424 0,3 W  
P10B56624 1 W



P10B64424 0,3 W  
P10B66624 1 W



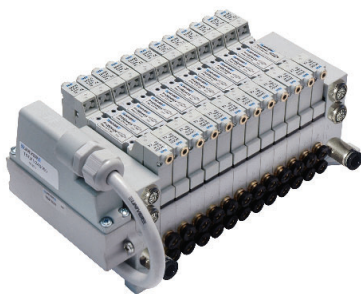
P10B74424 0,3 W  
P10B76624 1 W



P10B84424 0,3 W  
P10B86624 1 W

## Conexión eléctrica integrada - Para placa base

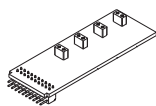
Configuración con. 25p  
máx 12 biestables



| TIM1024                                                              | P10SB100/107                                                                           | P10SB110/117                                                  | P10SB200/207                                  | P10SB210/217                                                    | P10SB304                                                              | P10SB314                                                                                |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                                                      |                                                                                        |                                                               |                                               |                                                                 |                                                                       |                                                                                         |
| módulo de conexión<br>25 polos macho tipo D-sub                      | base 1 posición<br>salidas laterales M5, M7                                            | base 1 posición<br>salidas laterales M5, M7<br>1-3-5 cerrados | base 2 posiciones<br>salidas laterales M5, M7 | base 2 posiciones<br>salidas laterales M5, M7<br>1-3-5 cerrados | base 1 posición<br>salidas laterales con<br>racores rápidos<br>tubo 4 | base 1 posición<br>salidas laterales con<br>racores rápidos<br>tubo 4<br>1-3-5 cerrados |
| P10SB404                                                             | P10SB414                                                                               | P10SB500                                                      | P10SB505                                      | P10SB550                                                        | P10SB560                                                              | P10SB570                                                                                |
|                                                                      |                                                                                        |                                                               |                                               |                                                                 |                                                                       |                                                                                         |
| base 2 posiciones<br>salidas laterales con<br>racores rápidos tubo 4 | base 2 posiciones salidas<br>laterales con racores<br>rápidos tubo 4<br>1-3-5 cerrados | placa de alimentación<br>G1/8 para módulo TIM                 | placa de alimentación<br>G1/8 derecha         | placa separadora de<br>presión                                  | placa de cierre para<br>posición válvula no<br>utilizada              | placa de alimentación<br>intermedia para placa<br>base                                  |

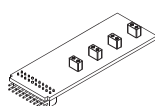
3

## P10SS14\*\*M



tarjeta BUS  
de conexión, lado 14  
\*\* = 04, 06, 08, 10, 12  
posiciones

## P10SS12\*\*M



tarjeta BUS  
de conexión, lado 12  
\*\* = 04, 06, 08, 10, 12  
posiciones

## P10STR01



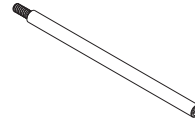
tirante modular  
1 posición válvula

## P10STR02



tirante modular  
2 posiciones válvula

## P10STR05



tirante modular  
5 posiciones válvula

### AZ4-SN003A

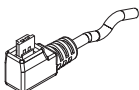
n. 100 tuercas M3 para tirantes

### AZ4-VN0310

n. 100 tornillos M3x10 para tirantes

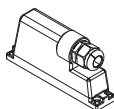
## Conexiones eléctricas

### D-535U40300 D-535U40500



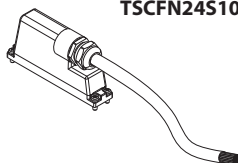
conector individual  
con cable 3-5 m

### TSCFN24S000



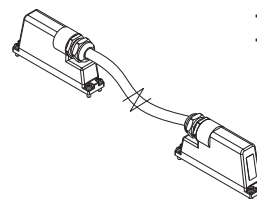
conector hembra 25 polos tipo D-sub  
sin cable tornillos de fijación M3 x 8

### TSCFN24S0300 TSCFN24S0500 TSCFN24S1000



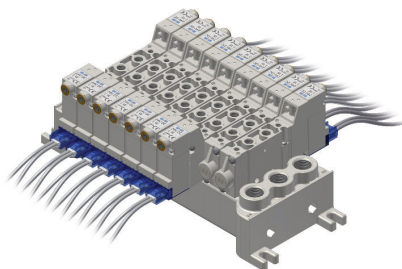
conector hembra 25 polos tipo D-sub  
precableado para 24 bobinas  
con cable 3-5-10 m  
tornillos de fijación M3 x 8

### TSCFN16D0300 TSCFN16D0500 TSCFN16D1000

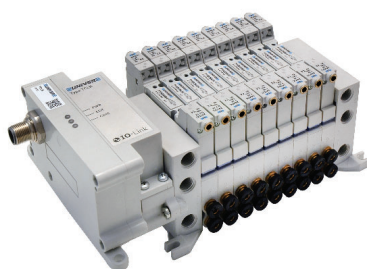


conector suelto macho/hembra D-sub precableado para 16  
bobinas con cable Ø 8 mm de 3-5-10 m apto para colocación  
móvil, tornillos de fijación M3 x 8

## ■ Conexiones en línea



## ■ Conexión IO-LINK



## ■ Conexión sistema serial serie TC

