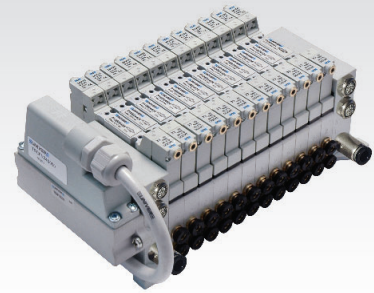


CARACTERÍSTICAS

Temperatura ambiente	-5 ÷ +50 °C
Fluido	ar filtrado 10 µm, com ou sem lubrificação
Sistema de permutação	spool
Pressão Máx	7 bar (comando elétrico) 10 bar (comando pneumático)
Conexões	M5 (P10F) - M5, M7, tubo Ø 4 (P10B)
Fluxo nominal (NI/min)	310 (5/2) 230 (5/3) 250 (3/2+3/2)
Corpo válvula	zamak
Vedações	NBR
Eletropiloto	B10 (0,3W) - B11 (1 W)
Spool	alumínio
Voltagem	24 V DC (± 10%)
Consumo energético	B10 = 0,3 W, injeção 1,3 W (25 ms) B11 = 1 W
Grau de proteção	IP65
Comando manual	botão embutido 1 posição



CHAVE DE CODIFICAÇÃO

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

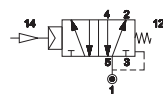
1 Série	2 Tipo	3 Comando 14	4 Retorno 12
P10F = Corpo rosqueado P10B = Corpo para base	2 = 5/2 6 = 3/2+3/2 NC-NC 3 = 5/3 c.f. 7 = 3/2+3/2 NC-NO 4 = 5/3 c.a. 8 = 3/2+3/2 NO-NO 5 = 5/3 c.p.	3 = Pneumático amplificado 4 = Elétrico amplificado 90° (0,3W) 6 = Elétrico amplificado 90° (1W)	0 = Mola pneumomecânica 1 = Mola mecânica 3 = Pneumático amplificado 4 = Elétrico amplificado 90° (0,3W) 6 = Elétrico amplificado 90° (1W)
5 Voltagem	6 Variação	7 Variação ATEX	
24 = 24 V DC	D = Servo alimentação externa do piloto no corpo válvula (P10 = M3)	X = ATEX (a pedido)	

c.f. = centros fechados c.a. = centros abertos c.p. = centros em pressão

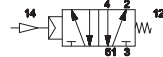
Para tipos e versões, consulte o catálogo ATEX

Impulso pneumático - Conexões rosqueadas M5

Impulso simples

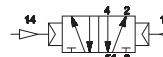


P10F230

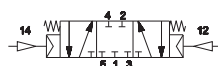


P10F231

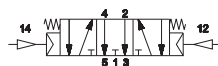
Impulso duplo



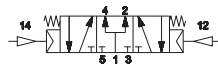
P10F233



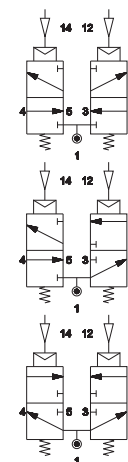
P10F333



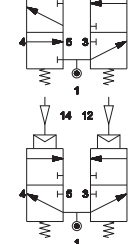
P10F433



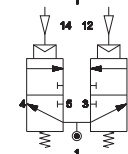
P10F533



P10F633



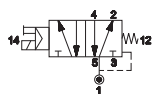
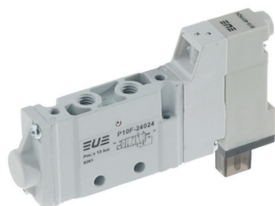
P10F733



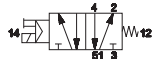
P10F833

Impulso elétrico - Conexões rosqueadas M5

Impulso simples



P10F24024 0,3 W
P10F26024 1 W



P10F24124 0,3 W
P10F26124 1 W

B10



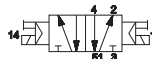
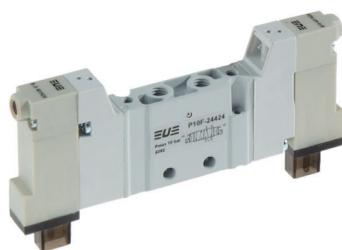
Baixo consumo 0,3 W

B11

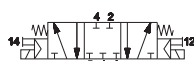


Standard 1 W

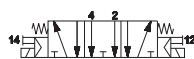
Impulso duplo



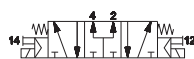
P10F24424 0,3 W
P10F26624 1 W



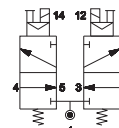
P10F34424 0,3 W
P10F36624 1 W



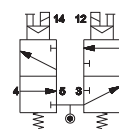
P10F44424 0,3 W
P10F46624 1 W



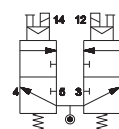
P10F54424 0,3 W
P10F56624 1 W



P10F64424 0,3 W
P10F66624 1 W

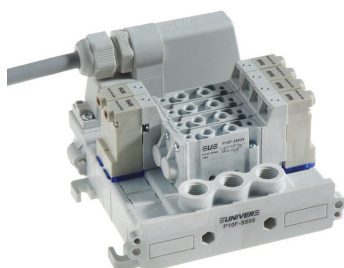


P10F74424 0,3 W
P10F76624 1 W



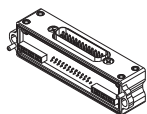
P10F84424 0,3 W
P10F86624 1 W

Conexão elétrica integrada - Conexões rosqueadas M5

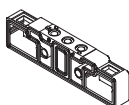


Configuração conector 25p
máx 12 biestáveis

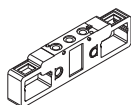
TIM1024	P10SF100	P10SF110	P10SF200	P10SF210	P10SF500
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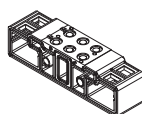
módulo de conexão
25 polos macho tipo D-sub



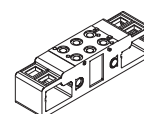
base 1 posição



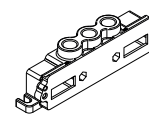
base 1 posição
1-3-5 fechadas



base 2 posições

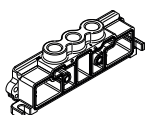


base 2 posições
1-3-5 fechadas



placa de alimentação
G1/8 esquerda para módulo TIM

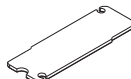
P10SF505	P10SF550	P10SF560	P10SF570	P10SS14**M	P10SS12**M
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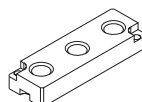
placa de alimentação
G1/8 direita



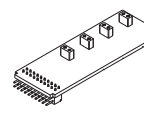
placa separadora
de pressão



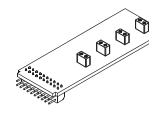
placa de fechamento
posição válvula não utilizada



placa de alimentação
intermediária



cartão bus
de conexão, lado 14
** = 04, 06, 08, 10, 12 posições



cartão bus
de conexão, lado 12
** = 04, 06, 08, 10, 12
posições

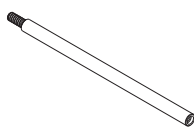
P10STR01	P10STR02	P10STR05
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tirante modular
1 posição válvula



tirante modular
2 posições válvula



tirante modular
5 posições válvula

AZ4-SN003A

n. 100 porcas M3 para tirantes

AZ4-VN0310

n. 100 parafusos M3x10 para tirantes

Conexão elétrica com conector externo - Conexões rosqueadas M5

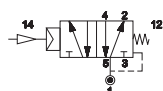
3



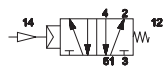
P10SF300	P10SF310	P10SF400	P10SF410	P10SF515	P10SF550
base 1 posição	base 1 posição 1-3-5 fechadas	base 2 posições	base 2 posições 1-3-5 fechadas	placa de alimentação direita/esquerda G1/8	placa separadora de pressão
P10SF560	P10SF570	P10STR01	P10STR02	P10STR05	
placa de fechamento posição válvula não utilizada	placa de alimentação intermediária para versão rosqueada	tirante modular 1 posição válvula	tirante modular 2 posições válvula	tirante modular 5 posições válvula	
					AZ4-SN003A n. 100 porcas M3 para tirantes AZ4-VN0310 n. 100 parafusos M3x10 para tirantes

Impulso pneumático - Para base

Impulso simples



P10B230

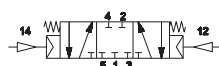


P10B231

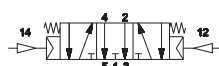
Impulso duplo



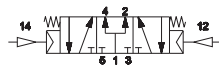
P10B233



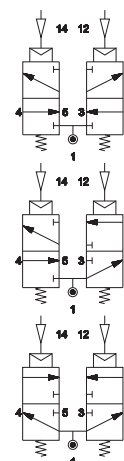
P10B333



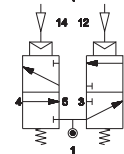
P10B433



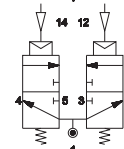
P10B533



P10B633



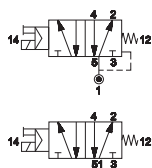
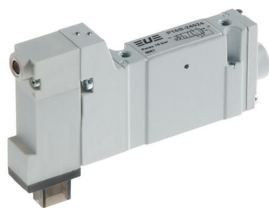
P10B733



P10B833

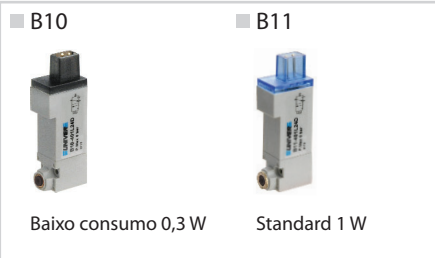
Impulso elétrico - Para base

Impulso simples



P10B24024 0,3 W
P10B26024 1 W

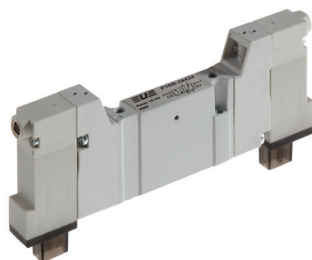
P10B24124 0,3 W
P10B26124 1 W



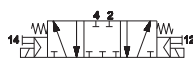
Baixo consumo 0,3 W

Standard 1 W

Impulso duplo



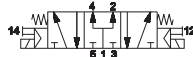
P10B24424 0,3 W
P10B26624 1 W



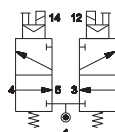
P10B34424 0,3 W
P10B36624 1 W



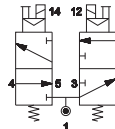
P10B44424 0,3 W
P10B46624 1 W



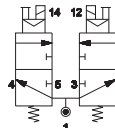
P10B54424 0,3 W
P10B56624 1 W



P10B64424 0,3 W
P10B66624 1 W



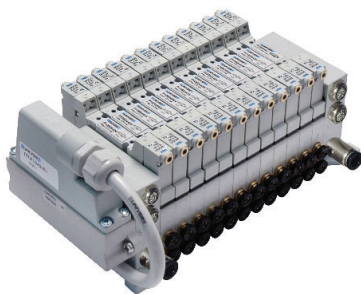
P10B74424 0,3 W
P10B76624 1 W



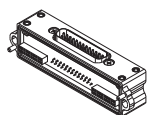
P10B84424 0,3 W
P10B86624 1 W

Conexão elétrica integrada - Para base

Configuração conector 25p
máx 12 biestáveis

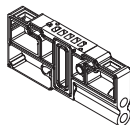


TIM1024



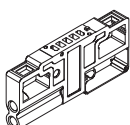
módulo de conexão
25 polos macho tipo D-sub

P10SB100/107



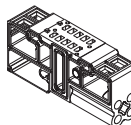
base 1 posição
saídas laterais M5, M7

P10SB110/117



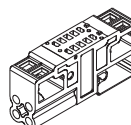
base 1 posição
saídas laterais M5, M7
1-3-5 fechadas

P10SB200/207



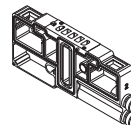
base 2 posições
saídas laterais M5, M7

P10SB210/217



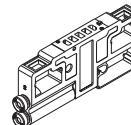
base 2 posições
saídas laterais M5, M7
1-3-5 fechadas

P10SB304



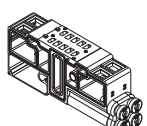
base 1 posição
saídas laterais com
conexões automáticas
tubo 4

P10SB314



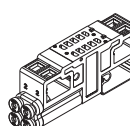
base 1 posição
saídas laterais com
conexões automáticas
tubo 4
1-3-5 fechadas

P10SB404



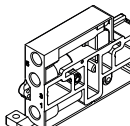
base 2 posições
saídas laterais com
conexões automáticas
tubo 4

P10SB414



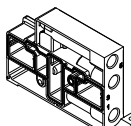
base 2 posições saídas
laterais com conexões
automáticas tubo 4
1-3-5 fechadas

P10SB500



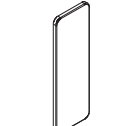
placa de alimentação
G1/8 para módulo TIM

P10SB505



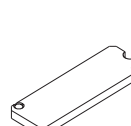
placa de alimentação
G1/8 direita

P10SB550



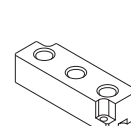
placa separadora
de pressão

P10SB560



placa de fechamento
posição válvula não
utilizada

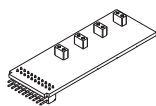
P10SB570



placa de alimentação
intermediária para
base

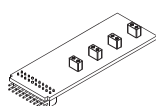
3

P10SS14M**



cartão bus de conexão, lado 14
** = 04, 06, 08, 10, 12 posições

P10SS12M**



cartão bus de conexão, lado 12
** = 04, 06, 08, 10, 12 posições

P10STR01



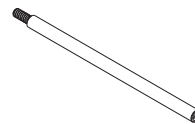
tirante modular
1 posição válvula

P10STR02



tirante modular
2 posições válvula

P10STR05



tirante modular
5 posições válvula

AZ4-SN003A

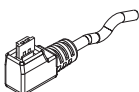
n. 100 porcas M3 para tirantes

AZ4-VN0310

n. 100 parafusos M3x10 para tirantes

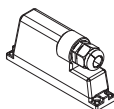
Conexões elétricas

**D-535U40300
D-535U40500**



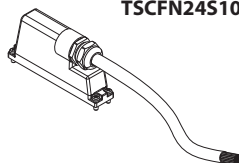
conector único
com cabo 3-5 m

TSCFN24S000



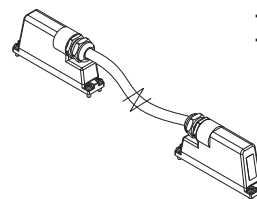
conector fêmea 25 polos tipo sub-D
sem cabo
parafusos de fixação M3x8

**TSCFN24S0300
TSCFN24S0500
TSCFN24S1000**



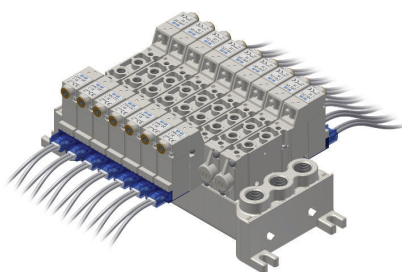
conector fêmea 25 polos tipo sub-D
pré-cabado para 24 bobinas
com cabo 3-5-10 m
parafusos de fixação M3x8

**TSCFN16D0300
TSCFN16D0500
TSCFN16D1000**



conector livre macho/fêmea sub-D pré-cabado para 16 bobinas com cabo Ø 8 mm de 3-5-10 m adequado para colocação móvel, parafusos de fixação M3x8

■ Conexão em linha



■ Conexão IO-LINK



■ Conexão Comunicação serial modular série TC

