

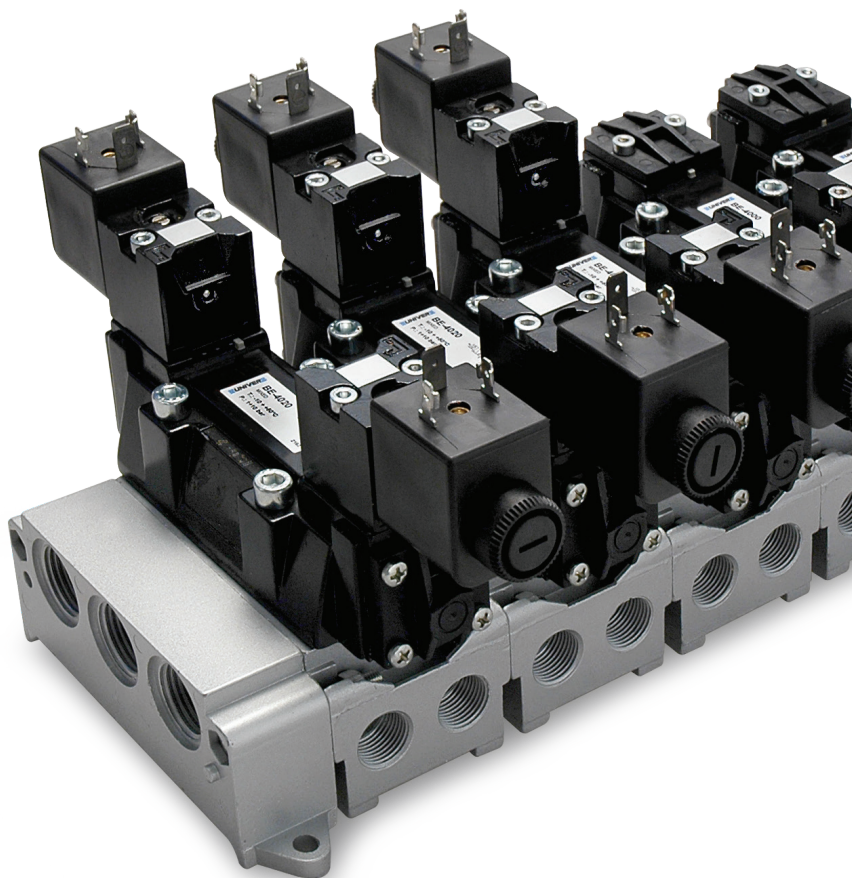
SPOLA

per tutte le applicazioni



MISTO

per applicazioni gravose



SISTEMA MISTO e SPOLA

Disponibili tutte le tipologie in versione con sistema misto o spola

ORIGINALE

Valvole e sottobasi originali UNIVER dal 1980

BE 3 - ISO 1

1480 NI/min



M12

BE 4 - ISO 2

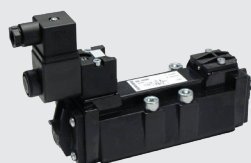
2300 NI/min



M12

BE 5 - ISO 3

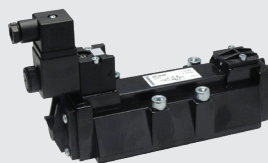
4200 NI/min



M12

BE 6 - ISO 4

6600 NI/min




Valvole ISO 5599/1

- Conformità alle norme internazionali ISO 5599/1
- Gamma completa: taglia 1 - 2 - 3 - 4
- Due sistemi di commutazione disponibili: misto e spola
- Portata elevata
- Breve corsa interna
- Assenza di lubrificazione
- Versione con connessione elettrica M12 per il settore Automotive (taglie 1 - 2 - 3)
- Basi modulari e singole
- Possibilità di combinazione di taglie diverse di sottobasi con apposite interfacce



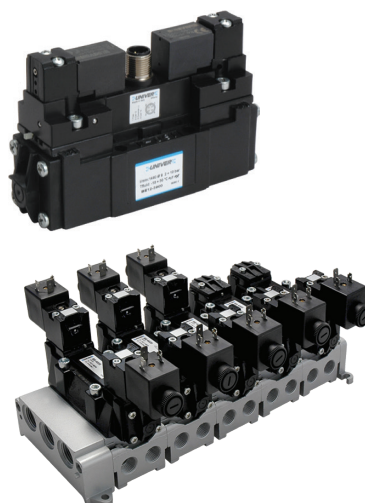
Fluido	aria filtrata 50 µm (sistema misto) aria filtrata 50 µm con o senza lubrificazione (sistema spola)			
Temperatura ambiente	-10 ÷ +50 °C			
Temperatura fluido	Max +50 °C			
Sistema di commutazione	sistema misto, sistema spola			
Vie/Posizioni	5/2, 5/3			
Pressione	Max 10 bar			
Comando	elettro - pneumatico indiretto, pneumatico			
Ritorno	molla meccanica, molla pneumomeccanica, pneumatico, elettrico			
Conessioni	interfaccia ISO 5599/1			
	taglia 1	taglia 2	taglia 3	taglia 4
Diametro nominale (mm)	8	10	15	19
Portata nominale (NI/min)	1480	2300	4200	6600
Corpo valvola	resina acetilica			
Copertura	alluminio			
Guarnizioni	sistema misto: NBR e poliuretano			
	sistema spola: NBR			
Sottobase	zama - alluminio			
Operatori	tecnopolimero			
Spola	alluminio			
Elettropilota	serie AA			
Bobina	serie U3			
Assorbimento	2,5 W (DC) - 5 VA (AC)			
Tensione	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC			
Connettore	AM 5111			
Comando manuale	a impulso a vite 2 posizioni, a pulsante con utensile (BE)			
	a pulsante incassato 1 posizione (BE12)			


Norma di Riferimento

II 2G Ex h IIC T5 Gb



II 2D Ex h IIIC T100°C Db


MISTO
per applicazioni gravose

SPOLA
per tutte le applicazioni




Legenda



Regolazione a cacciavite



Pressione con utensile

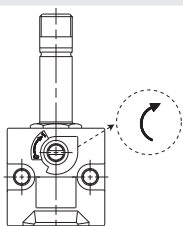


Regolazione manuale

COMANDI MANUALI STANDARD



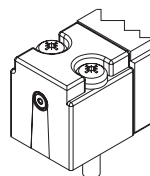
A CACCIAVITE 2 POSIZIONI



Standard per **BE**



A PRESSIONE 1 POSIZIONE

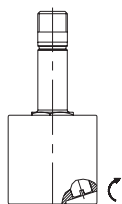


Standard per **BE12**

COMANDI MANUALI A RICHIESTA



A CACCIAVITE 1 - 2 POSIZIONI

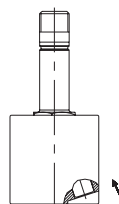


LETTARA DA AGGIUNGERE INFONDO
AL CODICE ELETTROPILOTA

A
ESEMPIO:
BE-5150A



A PRESSIONE CON UTENSILE

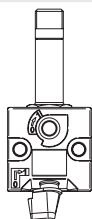


LETTARA DA AGGIUNGERE INFONDO
AL CODICE ELETTROPILOTA

U
ESEMPIO:
BE-5150U



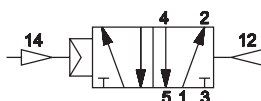
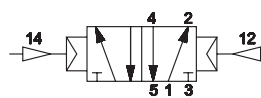
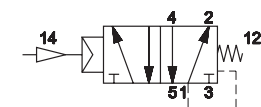
A LEVA



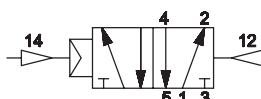
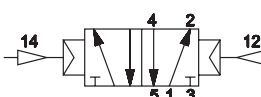
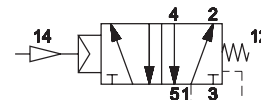
R
ESEMPIO:
BE-5150R

IMPULSO PNEUMATICO
SISTEMA MISTO

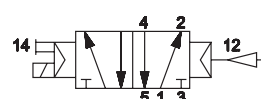
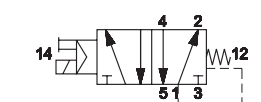
BE-3100	5/2	ISO 1
BE-4100	5/2	ISO 2
BE-5100	5/2	ISO 3
BE-6100	5/2	ISO 4
BE-3150	5/2	ISO 1
BE-4150	5/2	ISO 2
BE-5150	5/2	ISO 3
BE-6150	5/2	ISO 4
BE-3170	5/2	ISO 1
BE-4170	5/2	ISO 2
BE-5170	5/2	ISO 3
BE-6170	5/2	ISO 4


SISTEMA SPOLA

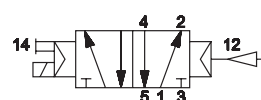
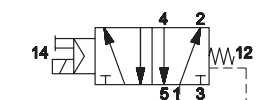
BE-3800	5/2	ISO 1
BE-4800	5/2	ISO 2
BE-5800	5/2	ISO 3
BE-6800	5/2	ISO 4
BE-3850	5/2	ISO 1
BE-4850	5/2	ISO 2
BE-5850	5/2	ISO 3
BE-6850	5/2	ISO 4
BE-3870	5/2	ISO 1
BE-4870	5/2	ISO 2
BE-5870	5/2	ISO 3
BE-6870	5/2	ISO 4


SINGOLO IMPULSO ELETTRICO
SISTEMA MISTO

BE-3000	5/2	ISO 1
BE-4000	5/2	ISO 2
BE-5000	5/2	ISO 3
BE-6000	5/2	ISO 4
BE-3060	5/2	ISO 1
BE-4060	5/2	ISO 2
BE-5060	5/2	ISO 3
BE-6060	5/2	ISO 4


SISTEMA SPOLA

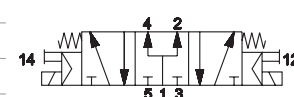
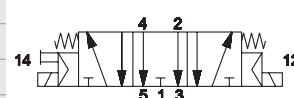
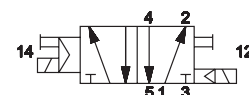
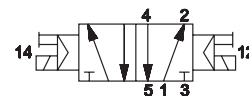
BE-3700	5/2	ISO 1
BE-4700	5/2	ISO 2
BE-5700	5/2	ISO 3
BE-6700	5/2	ISO 4
BE-3760	5/2	ISO 1
BE-4760	5/2	ISO 2
BE-5760	5/2	ISO 3
BE-6760	5/2	ISO 4



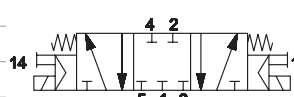
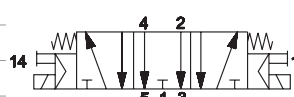
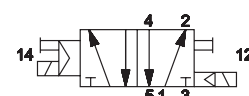
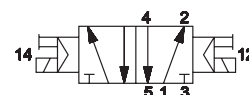
Per versione con comando manuale a pulsante incassato 1 posizione aggiungere "U" in fondo al codice
Le elettrovalvole sono fornite senza bobina, connettore

DOPPIO IMPULSO ELETTRICO
SISTEMA MISTO

BE-3020	5/2	ISO 1
BE-4020	5/2	ISO 2
BE-5020	5/2	ISO 3
BE-6020	5/2	ISO 4
BE-3030	5/2	ISO 1
BE-4030	5/2	ISO 2
BE-5030	5/2	ISO 3
BE-6030	5/2	ISO 4
BE-3200	5/3 O.C.	ISO 1
BE-4200	5/3 O.C.	ISO 2
BE-5200	5/3 O.C.	ISO 3
BE-6200	5/3 O.C.	ISO 4
BE-3205	5/3 P.C.	ISO 1
BE-4205	5/3 P.C.	ISO 2
BE-5205	5/3 P.C.	ISO 3
BE-6205	5/3 P.C.	ISO 4


SISTEMA SPOLA

BE-3720	5/2	ISO 1
BE-4720	5/2	ISO 2
BE-5720	5/2	ISO 3
BE-6720	5/2	ISO 4
BE-3730	5/2	ISO 1
BE-4730	5/2	ISO 2
BE-5730	5/2	ISO 3
BE-6730	5/2	ISO 4
BE-3900	5/3 O.C.	ISO 1
BE-4900	5/3 O.C.	ISO 2
BE-5900	5/3 O.C.	ISO 3
BE-6900	5/3 O.C.	ISO 4
BE-3940	5/3 C.C.	ISO 1
BE-4940	5/3 C.C.	ISO 2
BE-5940	5/3 C.C.	ISO 3
BE-6940	5/3 C.C.	ISO 4



O.C. = centri aperti C.C. = centri chiusi P.C. = centri in pressione
 Per versione con manuale a pulsante aggiungere "U" in fondo al codice
 Per versione con comando manuale contattare il nostro ufficio commerciale.

BOBINA U3


DC-0301	12 V DC
DC-0302	24 V DC
DC-0307	24V AC - 50/60 Hz
DC-0309	110V AC - 50/60 Hz
DC-0310	230V AC - 50/60 Hz

CONNETTORE DIN 43650 PER BOBINE SERIE U3

AM-5111

Grado di protezione IP65. Collegamento dei cavi PG9.
 Orientabile 360° sulla bobina.

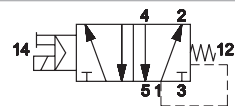
A richiesta con indicatore luminoso

L'impiego di componenti pneumatici nel settore automobilistico abbinati con componenti elettrici, ha consentito di realizzare una tradizionale valvola ISO abbinata a un connettore elettrico M12 posto in posizione centrale, sia per valvole a singolo che a doppio comando elettrico.

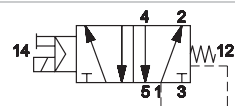
I codici comprendono di serie la bobina 24 V DC, Disponibili a richiesta altre tensioni di alimentazioni max 48 V DC.

IMPULSO ELETTRICO
SISTEMA MISTO

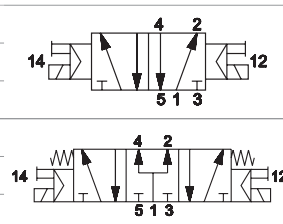
BE12-3000	5/2	ISO 1
BE12-4000	5/2	ISO 2
BE12-5000	5/2	ISO 3


SISTEMA SPOLA

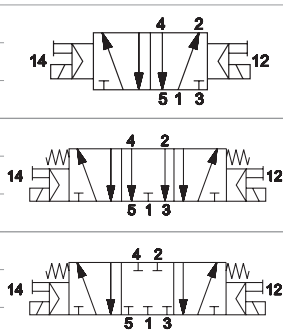
BE12-3700	5/2	ISO 1
BE12-4700	5/2	ISO 2
BE12-5700	5/2	ISO 3


SISTEMA MISTO

BE12-3020	5/2	ISO 1
BE12-4020	5/2	ISO 2
BE12-5020	5/2	ISO 3
BE12-3205	5/3 P.C.	ISO 1
BE12-4205	5/3 P.C.	ISO 2
BE12-5205	5/3 P.C.	ISO 3


SISTEMA SPOLA

BE12-3720	5/2	ISO 1
BE12-4720	5/2	ISO 2
BE12-5720	5/2	ISO 3
BE12-3900	5/3 O.C.	ISO 1
BE12-4900	5/3 O.C.	ISO 2
BE12-5900	5/3 O.C.	ISO 3
BE12-3940	5/3 C.C.	ISO 1
BE12-4940	5/3 C.C.	ISO 2
BE12-5940	5/3 C.C.	ISO 3



O.C. = centri aperti **C.C.** = centri chiusi **P.C.** = centri in pressione

I codici comprendono di serie la bobina 24 V DC

BOBINA U05 - LATO 15 MM FASTON ABBINABILE CON ELETTROPILOTA BE12


DD-052

24 V

A richiesta con indicatore luminoso

CONNETTORE 15 MM PER BOBINE SERIE U05


AM-5109

Grado di protezione IP65. Collegamento dei cavi PG9.
Orientabile 180° sulla bobina.

A richiesta con indicatore luminoso

Per versione con comando manuale a pulsante incassato 1 posizione aggiungere "U" in fondo al codice
Le elettrovalvole sono fornite senza bobina, connettore

SOTTOBASE SINGOLA, USCITE LATERALI

BF-1060

ISO 1

BF-1061

ISO 1


BF-1150

ISO 2

BF-1151

ISO 2


BF-3060

ISO 3

BF-3061

ISO 3


BF-4060

ISO 4

BF-4061

ISO 4

SOTTOBASE SINGOLA, USCITE DORSALI

BF-1062

ISO 1

BF-1063

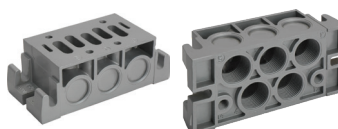
ISO 1


BF-1152

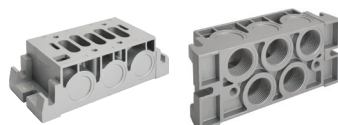
ISO 2

BF-1153

ISO 2


BF-3061

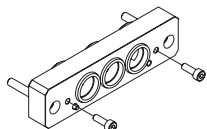
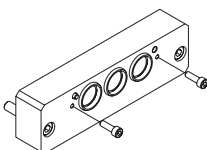
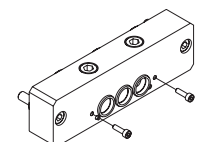
ISO 3


BF-4060

ISO 4

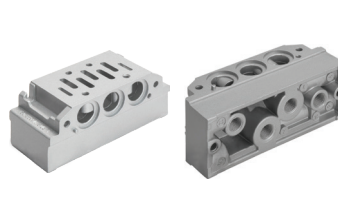
BF-4061

ISO 4

INTERFACCIA DI UNIONE PER SOTTOBASI UNIVERSALI DA TAGLIA 1 A TAGLIA 2

BF-1190
INTERFACCIA DI UNIONE PER SOTTOBASI UNIVERSALI DA TAGLIA 2 A TAGLIA 3

BF-3190
INTERFACCIA DI UNIONE PER SOTTOBASI UNIVERSALI DA TAGLIA 1 A TAGLIA 3

BF-3191

ISO 1 - SOTTOBASE MANIFOLD

SOTTOBASE SISTEMA UNIVERSALE MANIFOLD USCITE DORSALI E LATERALI SCARICHI CONVOGLIATI

	BF-1071	G1/8
	BF-1072	G1/4
	BF-1071S	G1/8
	BF-1072S	G1/4

PIASTRA D'ENTRATA SISTEMA UNIVERSALE MANIFOLD

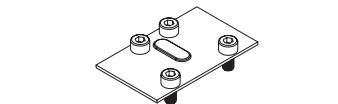
	BF-1065	G3/8
	BF-1066	G3/8

	BF-1068	G3/8
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DIAFRAMMA SISTEMA UNIVERSALE MANIFOLD

	BF-1070	
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PIASTRINA DI CHIUSURA PER SOTTOBASE

	BF-1085-	
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ISO 3 - SOTTOBASE MANIFOLD

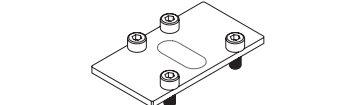
SOTTOBASE SISTEMA UNIVERSALE MANIFOLD USCITE DORSALI E LATERALI SCARICHI CONVOGLIATI

	BF-3071	G1/2
	BF-3072	G3/4

PIASTRA D'ENTRATA SISTEMA UNIVERSALE MANIFOLD

	BF-3064	G1
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PIASTRINA DI CHIUSURA PER SOTTOBASE

	BF-3175	
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TAPPO SISTEMA UNIVERSALE

	BF-3082	
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ISO 2 - SOTTOBASE MANIFOLD

SOTTOBASE SISTEMA UNIVERSALE MANIFOLD USCITE DORSALI E LATERALI SCARICHI CONVOGLIATI

	BF-1160	G1/4
	BF-1161	G3/8

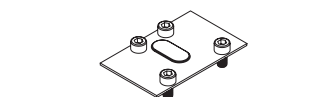
PIASTRA D'ENTRATA SISTEMA UNIVERSALE MANIFOLD

	BF-1154	G1/2
	BF-1155	G1/2

DIAFRAMMA SISTEMA UNIVERSALE MANIFOLD

	BF-1162	
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PIASTRINA DI CHIUSURA PER SOTTOBASE

	BF-1175	
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Distributori serie leggera per montaggio su sottobase ISO 5599/1

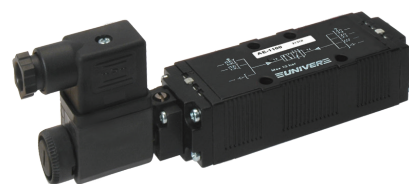
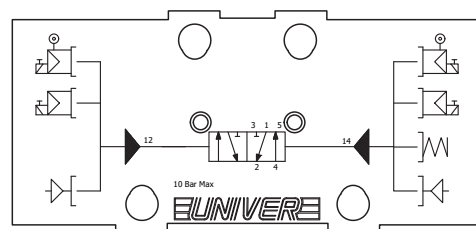
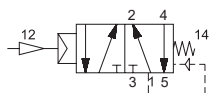
- Serie leggera: corpo valvola in tecnopolimero con copertura in metallo
- Intercambiabilità: montaggio su sottobase ISO 5599/1 (taglia 1 e 2)
- Affidabilità: il sistema interno misto (spola-otturatore) permette di ottenere lunga durata
- Prestazioni: elevata portata (taglia 1 = 1480 NI/min - taglia 2 = 2300 NI/min), commutazioni veloci, funzionamento senza lubrificazione
- Multifunzione: possibilità di ottenere diverse funzioni posizionando le guarnizioni selettrici

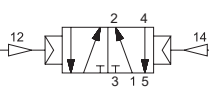


Fluido	aria filtrata 50 µm, con o senza lubrificazione	
Temperatura ambiente	10 ÷ +50 °C	
Temperatura fluido	+50 °C Max	
Sistema di commutazione	misto	
Vie/Posizioni	5/2	
Pressione	max 10 bar	
Comando	elettropneumatico indiretto e pneumatico	
Ritorno	molla pneumomeccanica	
Conessioni	interfaccia ISO 5599/1	
	taglia 1	taglia 2
Diametro nominale (mm)	8	10
Portata nominale (NI/min)	1480	2300
Corpo valvola	resina acetalica	
Guarnizioni	NBR	
Spola	alluminio	
Copertura	zama	
Elettropilota	serie AA	
Bobine	U1 - serie DA	
Assorbimento	3,5 W (DC) - 5 VA (AC)	
Tensione	12 V DC - 24 V DC - 24 V AC - 110 V AC - 230 V AC	
Connettore	AM 5110	
Comando manuale	a impulso a vite 2 posizioni	

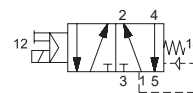

Norma di Riferimento

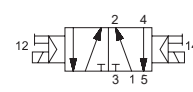
 II 2G Ex h IIC T5 Gb

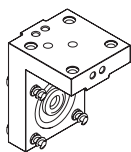
 II 2D Ex h IIIC T100°C Db

SISTEMA MULTIFUNZIONE

IMPULSO PNEUMATICO
IMPULSO ELETTRICO
AE-1009 5/2 pneumatico + molla 1

AE-1120 5/2 pneumatico + molla 2

AE-1010 5/2 pneumatico amplificato 1

AE-1121 5/2 pneumatico amplificato 2

AE-1000 5/2 pneumatico + molla 1

AE-1100 5/2 pneumatico + molla 2

AE-1003 5/2 pneumatico amplificato 1

AE-1103 5/2 pneumatico amplificato 2


AM-5151


Squadretta variante
solenoide "H" **G1/8 - G1/4**

SOTTOBASI - ISO 1

sottobase singola, uscite laterali

sottobase sistema modulare
singola o Manifold uscite dorsali
con scarichi separati

sottobase sistema universale
Manifold uscite dorsali e laterali
con scarichi convogliati

piastra d'entrata sistema
universale Manifold

diaframma sistema universale
Manifold



BF-1060 G1/8 connessioni in linea
BF-1061 G1/4 connessioni in linea



BF-1062 G1/8 connessioni dorsali
BF-1063 G1/4 connessioni dorsali



BF-1071 G1/8 connessioni dorsali
e laterali
BF-1071S G1/8 impulsi
pneumatici laterali
BF-1072 G1/4 connessioni dorsali
e laterali
BF-1072S G1/4 impulsi
pneumatici laterali



BF-1064 G3/8 connessioni in linea
BF-1065 G3/8 connessioni
superiori
BF-1066 G3/8 connessioni dorsali
BF-1068 G3/8 connessioni solo
in linea



BF-1070

SOTTOBASI - ISO 2

sottobase singola, uscite laterali

sottobase singola, uscite dorsali

sottobase sistema universale
Manifold uscite dorsali e laterali
con scarichi convogliati

piastra d'entrata sistema universale
Manifold

diaframma sistema universale
Manifold



BF-1150 G1/4 connessioni in linea
BF-1151 G3/8 connessioni in linea



BF-1152 G1/4 connessioni dorsali
BF-1153 G3/8 connessioni dorsali



BF-1160 G1/4 connessioni dorsali
e laterali
BF-1161 G3/8 connessioni dorsali
e laterali



BF-1154 G1/2 connessioni in linea
BF-1155 G1/2 connessioni dorsali



BF-1162

BOBINA U1- LATO 22 MM


DA-0050

12 V DC

DA-0051

24 V DC

DA-0106

24V AC - 50/60 Hz

DA-0108

110V AC - 50/60 Hz

DA-0124

230V AC - 50/60 Hz

CONNETTORE PER BOBINE U1


AM-5110

Grado di protezione IP 65. Collegamento dei cavi PG9.
Orientabile 180 ° sulla bobina.

A richiesta con indicatore luminoso

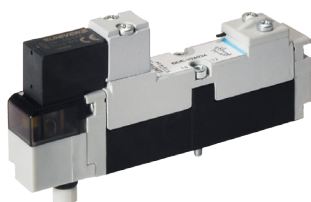


SISTEMI DI COMUNICAZIONE

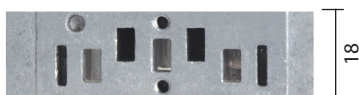


ISO 02

18 mm



Interfaccia ISO



Interfaccia MAGGIORATA
(originale UNIVER)



620 NI/min

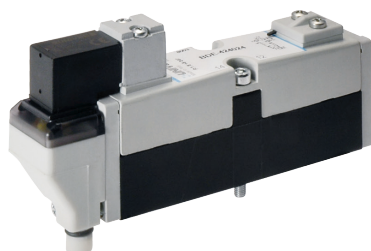


800 NI/min

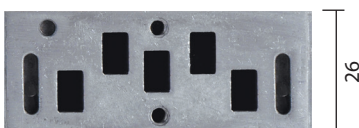


ISO 01

26 mm



Interfaccia ISO



Interfaccia MAGGIORATA
(originale UNIVER)



1250 NI/min



1700 NI/min




Distributori ISO 15407-1/2 (VDMA 24563)

- BDE = elettrodistributori con connessione elettrica integrata.
Collegamenti seriali TC disponibili per la serie BDE
- BDB = elettrodistributori con connessione elettrica M12
- BDA= distributori ed elettrodistributori con connessione elettrica standard
- Sottobase modulare ISO-VDMA
- Sottobase con portata maggiorata



Fluido	aria filtrata 50 µm, con o senza lubrificazione
Temperatura ambiente	-20 ÷ +50 °C
Temperatura fluido	Max +50 °C
Sistema di commutazione	sistema spola
Vie/Posizioni	3/2+3/2, 5/2, 5/3
Pressione	comando elettrico = max 9 bar comando pneumatico = max 10 bar
Comando	elettro - pneumatico indiretto, pneumatico
Ritorno	molla meccanica, molla pneumomeccanica
Diametro nominale (mm)	ISO 02 18 mm = 6 ISO 01 26 mm = 8
Corpo valvola	resina acetilica con copertura alluminio
Guarnizioni	NBR
Sottobase	alluminio pressofuso
Operatori	tecnopolimero
Spola	alluminio
Elettropilota	serie A
Bobina	U05
Tensione	24 V DC (± 10%) a richiesta 12 V DC
Assorbimento	2 W
Grado di protezione	IP65
Comando manuale	a pulsante incassato 1 posizione

Portata nominale (NI/min) distributori ed elettrodistributori lato 18 mm

sottobase manifold in alluminio a 2 posti valvola e piastre terminali con connessioni laterali in alluminio e piastrelle di fissaggio raccordi fornite di serie con la sottobase

	VDMA-ISO			Maggiorata Univer		
Raccordi	Ø4	Ø6	Ø8	Ø4	Ø6	Ø8
5/2	200	440	620	200	480	800
5/3	200	440	580	200	460	720
3/2+3/2	200	440	600	200	460	720

Portata nominale (NI/min) distributori ed elettrodistributori lato 26 mm

sottobase manifold a 1 posto valvola e piastre terminali con connessioni laterali in alluminio e piastrelle di fissaggio raccordi fornite di serie con la sottobase

	VDMA-ISO				Maggiorata Univer			
Raccordi	Ø6	Ø8	Ø10	Ø12	Ø6	Ø8	Ø10	Ø12
5/2	500	950	1200	1200	500	1050	1500	1700
5/3	500	900	1100	1100	500	1050	1300	1400
3/2+3/2	500	950	1150	1150	500	1050	1450	1650


Norma di Riferimento

II 2G Ex h IIC T5 Gb



II 2D Ex h IIIC T100°C Db

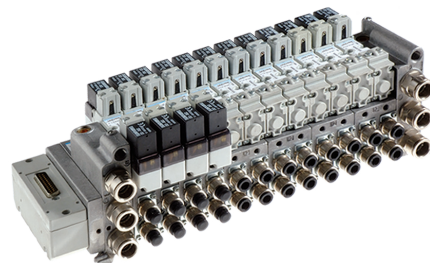
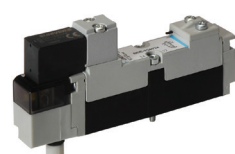
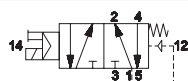
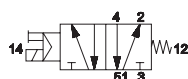
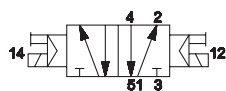
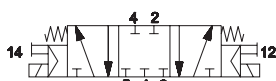
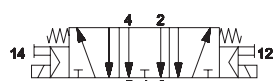
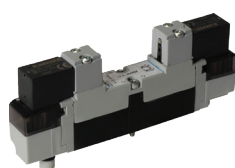
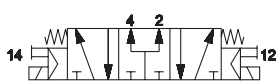
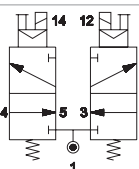
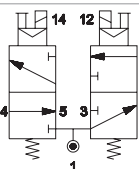
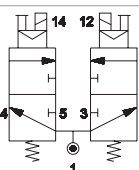


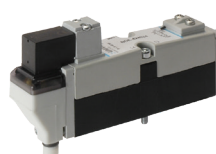
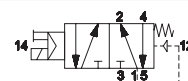
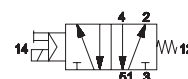
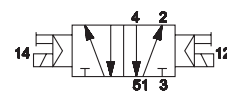
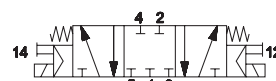
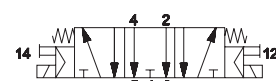
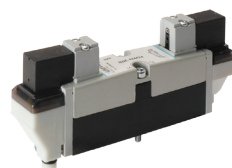
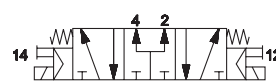
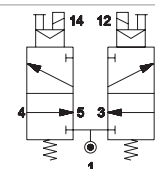
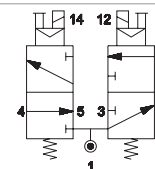
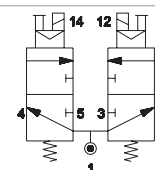

Tabella dei codici di ordinazione

C.C. = centri chiusi
O.C. = centri aperti
P.C. = centri in pressione

Serie	Taglia	Tipologia	Comando 14	Ritorno 12	Tensione bobina	Variante
B D E	3	3	4	4	2 4	
BDE Elettrodistributori con connessione elettrica 24 V DC integrata	3 18 mm 4 26 mm	2 5/2 3 5/3 C.C. 4 5/3 O.C. 5 5/3 P.C. 6 3/2 NC+3/2 NC 7 3/2 NC +3/2 NO 8 3/2 NO+3/2 NO	4 Elettrico amplificato	0 Molla pneumomeccanica 1 Molla meccanica 4 Elettrico amplificato 7 Elettrico non amplificato (differenziale)	24 4 V DC (su richiesta) 12 12 V DC	D Servoalimentazione esterna del pilota

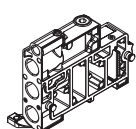
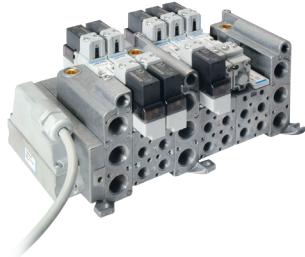
BDE - ELETTRODISTRIBUTORI A CONNESSIONE ELETTRICA INTEGRATA 18MM SINGOLO IMPULSO ELETTRICO

BDE-324024 5/2

BDE-324124 5/2

IMPULSO ELETTRICO BISTABILE
BDE-324424 5/2

BDE-334424 5/3 **C.C.**

BDE-344424 5/3 **O.C.**

BDE-354424 5/3 **P.C.**

BDE-364424 3/2 NC + 3/2 NC

BDE-374424 3/2 NC + 3/2 NO

BDE-384424 3/2 NO + 3/2 NO


C.C. = centri chiusi **O.C.** = centri aperti **P.C.** = centri in pressione

BDE - ELETTRODISTRIBUTORI A CONNESSIONE ELETTRICA INTEGRATA 26MM SINGOLO IMPULSO ELETTRICO

BDE-424024 5/2

BDE-424124 5/2

IMPULSO ELETTRICO BISTABILE
BDE-424424 5/2

BDE-434424 5/3 **C.C.**

BDE-444424 5/3 **O.C.**

BDE-454424 5/3 **P.C.**

BDE-464424 3/2 NC + 3/2 NC

BDE-474424 3/2 NC + 3/2 NO

BDE-484424 3/2 NO + 3/2 NO


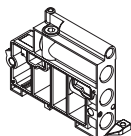
C.C. = centri chiusi **O.C.** = centri aperti **P.C.** = centri in pressione

BDE - ELETTRODISTRIBUTORI CON CONNESSIONE ELETTRICA INTEGRATA 18 MM



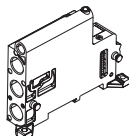
BDF-3100

piastra di alimentazione
G3/8 sinistra



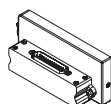
BDF-3115

piastra di alimentazione
G3/8 destra



BDF-3120

piastra di alimentazione
intermedia G3/8



BDF-3140TIM

modulo connessione
multipolare 25 poli
maschio



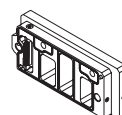
BDF-3180

piastrina separatrice
pressione di
alimentazione



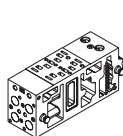
BDF-3185

piastrina di chiusura
per posto valvola
inutilizzato



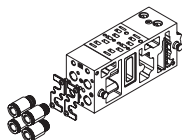
BDF-3190

interfaccia di
collegamento tra
distributori



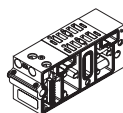
BDF-3210

sottobase 2 posti
a norme VDMA-ISO
attacchi da G1/8,



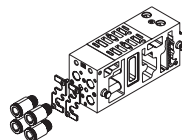
BDF-3230

sottobase 2 posti
a norme VDMA-ISO
raccordi da Ø 4-6-8 mm



BDF-3310

sottobase 2 posti
con portata maggiorata
attacchi G1/8,



BDF-3330

sottobase 2 posti
con portata maggiorata
raccordi da Ø 4-6-8 mm



BDF-3400

sottobase singola
1 posto con portata
maggiorata G1/8



GZR-100

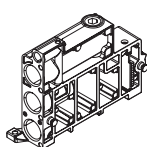
tappo di chiusura



**GZR-V10004
GZR-V10006
GZR-V10008**

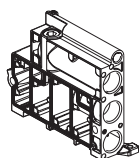
raccordi a disegno
UNIVER
da Ø 4-6-8 mm

BDE - ELETTRODISTRIBUTORI CON CONNESSIONE ELETTRICA INTEGRATA 26 MM



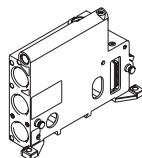
BDF-4100

piastra di
alimentazione
G1/2 sinistra



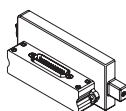
BDF-4115

piastra di
alimentazione
G1/2 destra



BDF-4120

piastra di
alimentazione
intermedia G1/2



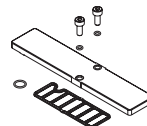
BDF-4140TIM

modulo connessione
multipolare 25 poli
maschio



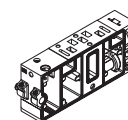
BDF-4180

piastrina separatrice
pressione di
alimentazione



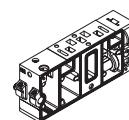
BDF-4185

piastrina di chiusura
per posto valvola
inutilizzato



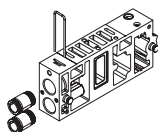
BDF-4210

sottobase 1 posto
a norme VDMA-ISO
attacchi G1/4



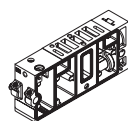
BDF-4220

sottobase 1 posto
a norme VDMA-ISO
attacchi G3/8



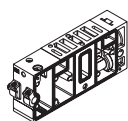
BDF-4230

sottobase 1 posto a norme
VDMA-ISO raccordi Ø 6-8-10
mm



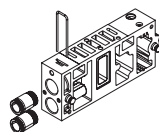
BDF-4310

sottobase 1 posto con
portata maggiorata
attacchi G1/4



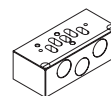
BDF-4320

sottobase 1 posto con
portata maggiorata
attacchi G3/8



BDF-4330

sottobase 1 posto con
portata maggiorata
raccordi da Ø 6-8-10 mm



BDF-4400

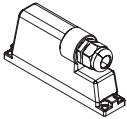
sottobase singola 1 posto con
portata maggiorata G3/8



**GZR-VV1006
GZR-VV1008
GZR-VV1010**

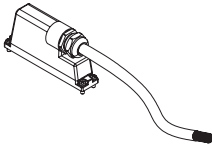
raccordi a disegno UNIVER
da Ø 6-8-10 mm

BD MODULI DI CONNESSIONE E CONNETTORI VOLANTI - TABELLA CONNESSIONI ELETTRICHE



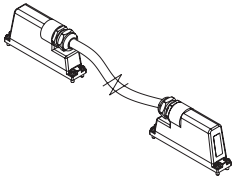
TSCFN24S000

connettore femmina 25 poli tipo D-sub
senza cavo viti di fissaggio M3 x 8



TSCFN24S0300
TSCFN24S0500
TSCFN24S1000

connettore femmina 25 poli tipo D-sub
con cavo **3-5-10 m** viti di fissaggio M3 x 8



TSCFN16D0300
TSCFN16D0500
TSCFN16D1000

connettore volante maschio/femmina
sub D (a richiesta) precablato per 24 bobine con cavo Ø 8 mm
da 3-5-10 m idoneo per posa mobile viti di fissaggio M3 x 8

BOBINA U05 SERNZA FASTON DI TERRA



DD-051BD

24 V DC

DD-041BD

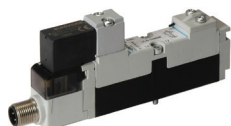
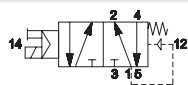
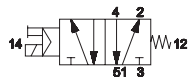
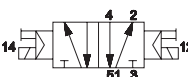
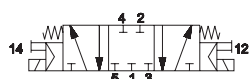
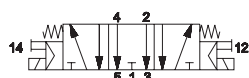
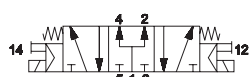
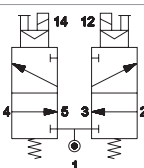
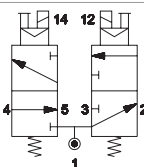
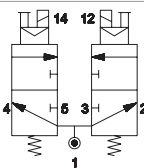
12 V DC


Tabella dei codici di ordinazione

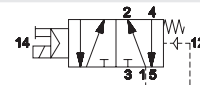
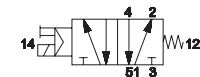
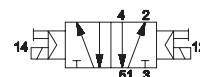
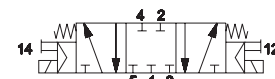
C.C. = centri chiusi
O.C. = centri aperti
P.C. = centri in pressione

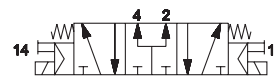
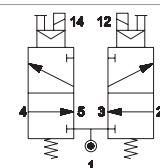
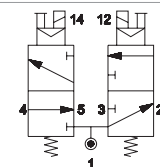
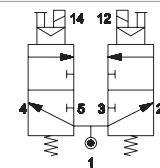
Serie	Taglia	Tipologia	Comando 14	Ritorno 12	Tensione bobina	Variante
B D B	3	3	4	4	2 4	☐
BDB Elettrodistributori con connessione elettrica 24 V DC con connettore M12	3 18 mm 4 26 mm	2 5/2 3 5/3 C.C. 4 5/3 O.C. 5 5/3 P.C. 6 3/2 NC+3/2 NC 7 3/2 NC +3/2 NO 8 3/2 NO+3/2 NO	4 Elettrico amplificato	0 Molla pneumomeccanica 1 Molla meccanica 4 Elettrico amplificato 7 Elettrico non amplificato (differenziale)	24 4 V DC (su richiesta) 12 12 V DC	D Servoalimentazione esterna del pilota

Serie	Taglia	Tipologia	Comando 14	Ritorno 12	Variante
B D A	4	3	4	4	☐
BDA Distributori ed elettrodistributori Bobine e connettori esclusi dalla fornitura, da ordinarsi separatamente	4 =26 mm	2 5/2 3 5/3 C.C. 4 5/3 O.C. 5 5/3 P.C. 6 3/2 NC+3/2 NC 7 3/2 NC +3/2 NO 8 3/2 NO+3/2 NO	3 Pneumatico amplificato 4 Elettrico amplificato DC 5 Elettrico amplificato DC/AC	0 Molla pneumomeccanica 1 Molla meccanica 2 Pneumatico non amplificato (differenziale) 3 Pneumatico amplificato 4 Elettrico amplificato DC 5 Elettrico amplificato DC/AC 7 Elettrico non amplificato DC (differenziale) 8 Elettrico non amplificato DC/AC (differenziale)	D Servoalimentazione esterna del pilota

BDB - ELETTRODISTRIBUTORI A CONNETTORE M12 18MM
SINGOLO IMPULSO ELETTRICO

BDB-324024 5/2

BDB-324124 5/2

IMPULSO ELETTRICO BISTABILE
BDB-324424 5/2

BDB-334424 5/3
C.C.

BDB-344424 5/3
O.C.

BDB-354424 5/3
P.C.

BDB-364424 3/2 NC
+
3/2 NC

BDB-374424 3/2 NC
+
3/2 NO

BDB-384424 3/2 NO
+
3/2 NO

C.C. = centri chiusi **O.C.** = centri aperti **P.C.** = centri in pressione

BDB - ELETTRODISTRIBUTORI A CONNETTORE M12 26MM
SINGOLO IMPULSO ELETTRICO

BDB-424024 5/2

BDB-424124 5/2

IMPULSO ELETTRICO BISTABILE
BDB-424424 5/2

BDB-434424 5/3
C.C.

BDB-444424 5/3
O.C.

BDB-454424 5/3
P.C.

BDB-464424 3/2 NC
+
3/2 NC

BDB-474424 3/2 NC
+
3/2 NO

BDB-484424 3/2 NO
+
3/2 NO

C.C. = centri chiusi **O.C.** = centri aperti **P.C.** = centri in pressione

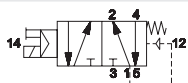
BDA - ELETTRODISTRIBUTORI A CONNESSIONE ELETTRICA STANDARD 18MM

SINGOLO IMPULSO ELETTRICO



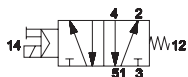
BDA-3240

5/2



BDA-3241

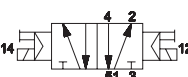
5/2



IMPULSO ELETTRICO BISTABILE

BDA-3244

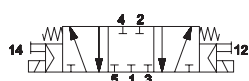
5/2



BDA-3344

5/3

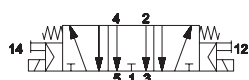
C.C.



BDA-3444

5/3

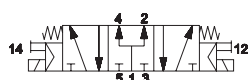
O.C.



BDA-3544

5/3

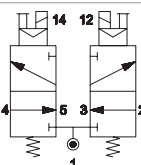
P.C.



BDA-3644

3/2 NC

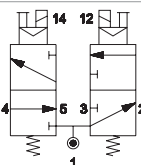
+ 3/2 NC



BDA-3744

3/2 NC

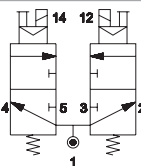
+ 3/2 NO



BDA-3844

3/2 NO

+ 3/2 NO



C.C. = centri chiusi O.C. = centri aperti P.C. = centri in pressione

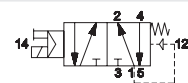
BDA - ELETTRODISTRIBUTORI A CONNESSIONE ELETTRICA STANDARD 26MM

SINGOLO IMPULSO ELETTRICO



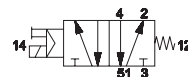
BDA-4240

5/2



BDA-4241

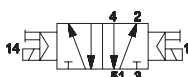
5/2



IMPULSO ELETTRICO BISTABILE

BDA-4244

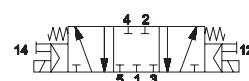
5/2



BDA-4344

5/3

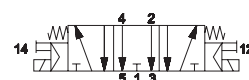
C.C.



BDA-4444

5/3

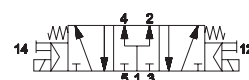
O.C.



BDA-4544

5/3

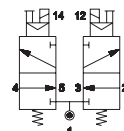
P.C.



BDA-4644

3/2 NC

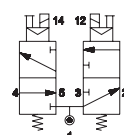
+ 3/2 NC



BDA-4744

3/2 NC

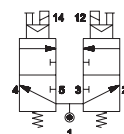
+ 3/2 NO



BDA-4844

3/2 NO

+ 3/2 NO



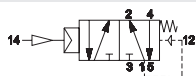
C.C. = centri chiusi O.C. = centri aperti P.C. = centri in pressione

BDA - ELETTRODISTRIBUTORI PNEUMATICI 18MM

SINGOLO/DOPPIO IMPULSO PNEUMATICO

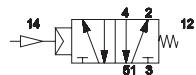
BDA-3230

5/2



BDA-3231

5/2

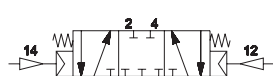


BDA-3233

5/2



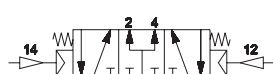
BDA-3333

5/3
C.C.


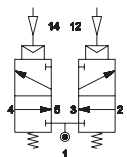
BDA-3433

5/3
O.C.

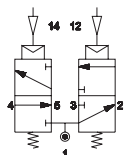

BDA-3533

5/3
P.C.


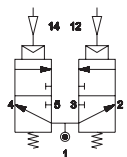
BDA-3633

3/2 NC
+
3/2 NC


BDA-3733

3/2 NC
+
3/2 NO


BDA-3833

3/2 NO
+
3/2 NO


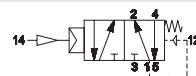
C.C. = centri chiusi O.C. = centri aperti P.C. = centri in pressione

BDA - ELETTRODISTRIBUTORI PNEUMATICI 26MM

SINGOLO/DOPPIO IMPULSO PNEUMATICO

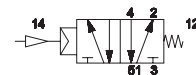
BDA-4230

5/2



BDA-4231

5/2

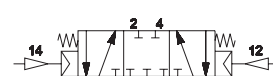


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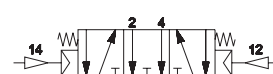
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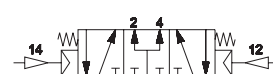
BDA-4333

5/3
C.C.


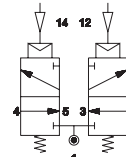
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5/3
O.C.


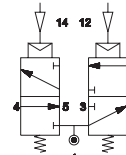
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5/3
P.C.


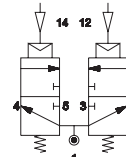
BDA-4633

3/2 NC
+
3/2 NC


BDA-4733

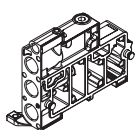
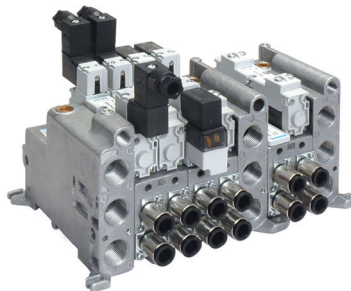
3/2 NC
+
3/2 NO


BDA-4833

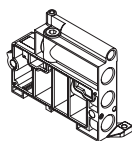
3/2 NO
+
3/2 NO


C.C. = centri chiusi O.C. = centri aperti P.C. = centri in pressione

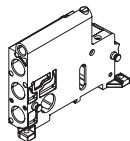
BDA - BDB - SOTTOBASI MANIFOLD 18MM



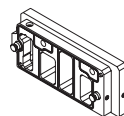
BDF-3110

piastra di alimentazione
G3/8 sinistra


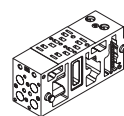
BDF-3115

piastra di alimentazione
G3/8 destra


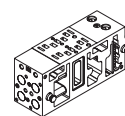
BDF-3125

piastra di alimentazione
intermedia G3/8


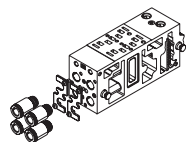
BDF-3191

nterfaccia di collegamento
tra distributori


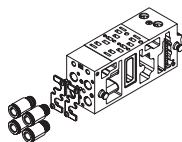
BDF-3211

sottobase 2 posti
a norme VDMA-ISO
attacchi da G1/8


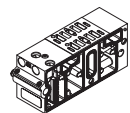
BDF-3212

sottobase 2 posti
a norme VDMA-ISO
attacchi da G1/8


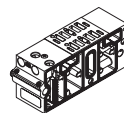
BDF-3231

sottobase 2 posti
a norme VDMA-ISO
raccordi da Ø 4-6-8 mm


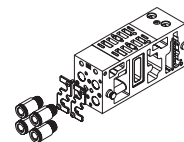
BDF-3232

sottobase 2 posti
a norme VDMA-ISO
raccordi da Ø 4-6-8 mm


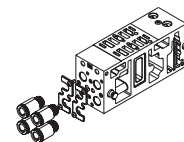
BDF-3311

sottobase 2 posti
con portata maggiorata
attacchi G1/8


BDF-3312

sottobase 2 posti
con portata maggiorata
attacchi G1/8


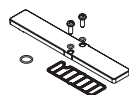
BDF-3331

sottobase 2 posti con portata
maggiorata per raccordi
da Ø 4-6-8 mm


BDF-3332

sottobase 2 posti con portata
maggiorata per raccordi
da Ø 4-6-8 mm


BDF-3180

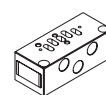
piastrina separatrice
pressione di alimentazione


BDF-3185

piastrina di chiusura
per posto valvola
inutilizzato


GZR-100

tappo di chiusura



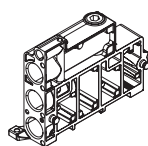
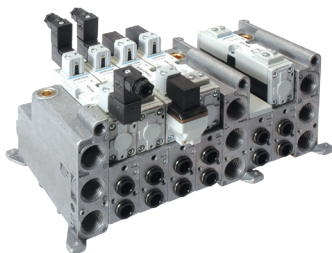
BDF-3400

sottobase singola
1 posto con portata
maggiorata
attacchi G1/8

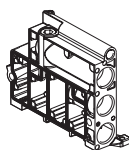
GZR-V10004
GZR-V10006
GZR-V10008

raccordi a disegno UNIVER
da Ø 4-6-8 mm

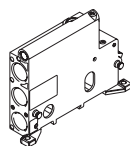
BDA - BDB - SOTTOBASI MANIFOLD 26MM



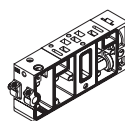
BDF-4110

piastra di alimentazione
G1/2 sinistra


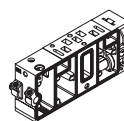
BDF-4115

piastra di alimentazione
G1/2 destra


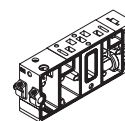
BDF-4125

piastra di alimentazione
intermedia G1/2


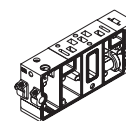
BDF-4211

sottobase 1 posto a
norme VDMA-ISO
attacchi G1/4


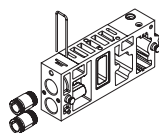
BDF-4212

sottobase 1 posto a
norme VDMA-ISO
attacchi G1/4


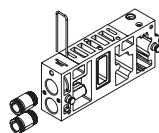
BDF-4221

sottobase 1 posto a
norme VDMA-ISO
attacchi G3/8


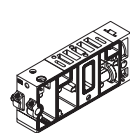
BDF-4222

sottobase 1 posto a
norme VDMA-ISO
attacchi G3/8


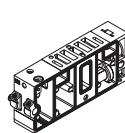
BDF-4231

sottobase 1 posto a
norme VDMA-ISO per
raccordi Ø 6-8-10 mm


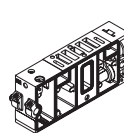
BDF-4232

sottobase 1 posto a
norme VDMA-ISO per
raccordi Ø 6-8-10 mm


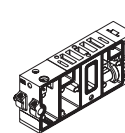
BDF-4311

sottobase 1 posto con
portata maggiorata
attacchi G1/4


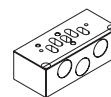
BDF-4312

sottobase 1 posto con
portata maggiorata
attacchi G1/4


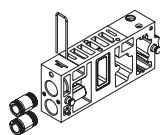
BDF-4321

sottobase 1 posto con
portata maggiorata
attacchi G3/8


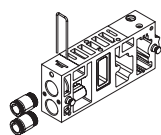
BDF-4322

sottobase 1 posto con
portata maggiorata
attacchi G3/8


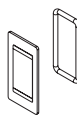
BDF-4400

sottobase singola
1 posto con portata
maggiorata attacchi G3/8


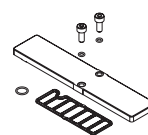
BDF-4331

sottobase 1 posto con portata
maggiorata per raccordi da Ø 6-8-
10 mm


BDF-4332

sottobase 1 posto con portata
maggiorata per raccordi da Ø 6-8-
10 mm


BDF-4180

piastrina separatrice
pressione di alimentazione


BDF-4185

piastrina di chiusura
per posto valvola
inutilizzato

GZR-V10006
GZR-V10008
GZR-V10010

raccordi a disegno
UNIVER
da Ø 6-8-10 mm

BOBINE PER BDB

BOBINA U05 SERNZA FASTON DI TERRA



DD-051BD

24V DC

DD-041BD

12V DC

BOBINE PER BDB

BOBINA U05 15 MM FASTON



DD-013

DC

AC

-

230

DD-040

-

24

DD-041

12

-

DD-050

-

48

DD-051

24

-

DD-060

-

110

DD-070

-

230

CONNETTORE 15 MM



AM-5109

-

BOBINA U05 CON CONNETTORE INTEGRATO A 90° ALTO



DD-351

24V DC

BOBINA U05 CON CONNETTORE INTEGRATO A 90° BASSO



DD-151

24V DC

BOBINA U05 CON CONNETTORE INTEGRATO IN LINEA



DD-551

24V DC

CONNETTORE MINIATURIZZATO SENZA FILI



D-500

CONNETTORE MINIATURIZZATO CON CAVETTI VOLANTI



D-530-30

D-530-50

D-530-200

CONNETTORE MINIATURIZZATO CON CAVO



D-535-30

D-535-50

D-535-200

BOBINA U05 CON CAVI VOLANTI (LUNGHEZZA 300 MM)



DD-051L030

24 V DC

DD-052L030

24 V DC