

4WE3 TYPE 61 SERIES
SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES



ORDERING CODE

4	WE	3	E	61	/	D24	H	
Main Ports = 3 Main Ports = 4		Solenoid Directional Valves		Size : 3=3 Size		No Code = NBR Seals V = FKM Seals		
Spool Symbols		61 series (with three holes install)		H: DIN43650 Type Plug L: DIN43650 Type Plug with Lamp F: Deutsch protection degree IP69K A :AMP Junior-Timer, protection degree IP66 D:With two lead wires		D12=DC12V D24=DC24V		
						O=without spring return OF=Without spring return with detent. (only suit two position valve with two solenoids)		

4WE4 TYPE 61 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 4**61/D24 LS



4WE 4**61/D24 AS



4WE 4**61/D24 FS



4WE 4**61/D24 DS



方向阀
Directional Valves

4WE4 TYPE 61 SERIES SOLENOID DIRECTIONAL VALVES

ORDERING CODE

4	WE	4	E	61		D24	H		S
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方向阀
Directional Valves

Main Ports
= 3
Main Ports
= 4

Solenoid
Directional Valves

Size
4= size 4

S: blue block
M: black block

No Code = NBR Seals
V = FKM Seals

H: DIN43650 Type Plug
L: DIN43650 Type Plug with Lamp
F: Deutsch
Protection degree IP69K
A: AMP Junior-Timer ,
protection degree IP66
D: With two lead wires

D12=DC12V
D24=DC24V

Spool Symbols

O= without spring return
OF : Without spring return with detent.
(only suit two position valve with two solenoids)

61 series (with three holes install)

4WE4 TYPE 60 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 4**60/D24 LS



4WE 4**60/D24 AS



4WE 4**60/D24 FS



4WE 4**60/D24 DS



方向阀
Directional Valves

4WE4 TYPE 60 SERIES SOLENOID DIRECTIONAL VALVES



ORDERING CODE

4	WE	4	E	60	/	D24	H		
---	----	---	---	----	---	-----	---	--	--

方向阀
Directional Valves

Main Ports
= 3
Main Ports
= 4

Solenoid
Directional Valves

Size
4=4Size

S: blue block
M: black block

No Code = NBR Seals
V = FKM Seals

H: DIN43650 Type Plug
L: DIN43650 Type Plug with Lamp
F: Deutsch
protection degree IP69K
A: AMP Junior-Timer ,
protection degree IP66
D: With two lead wires

D12=DC12V
D24=DC24V

Spool Symbols

O= without spring return
OF : Without spring return with detent.
(only suit two position valve with two solenoids)

60 series (with four holes install)

4WE6 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 6**6X/ED24 AL



4WE 6**6X/EA220 LL



4WE 6**6X/ED24 LL



4WE 6**6X/ED24 BL



4WE 6**6X/ER220 LL



4WE 6**6X/ER220 BL



4WE 6**6X/ED24 FL



4WE 6**6X/EA220 BL



方向阀
Directional Valves

4WE6 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 6**6X/ED24 AH



4WE 6**6X/EA220 LH



4WE 6**6X/ED24 LH



4WE 6**6X/ED24 BH



4WE 6**6X/ER220 LH



4WE 6**6X/ER220 BH



4WE 6**6X/ED24 FH



4WE 6**6X/EA220 BH



PRODUCT SERIES

4WE 6**6X/ED24 NP AL



4WE 6**6X/ED24 NP FL



4WE 6**6X/ED24 NP LL



4WE 6**6X/ED24 NP BL



4WE 6**6X/ER220 NP LL



4WE 6**6X/ER220 NP BL



4WE6 SERIES
SOLENOID DIRECTIONAL VALVES



ORDERING CODE

4	WE	6	E	6X	/	E	D24	N	L			L
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Main Ports
= 3
Main Ports
= 4

solenoid
directional valves

Size
Size =6

Spool Symbols

Series 60-90 = 6X
60~90 series shape is interchangeable

no code = with spring return
O = without spring return
OF= Without spring return with detent.

connect with solenoid thread =E

DC12V=D12 DC24V=D24
AC110V-50HZ= A110-50 AC220V-50HZ= A220-50
RAC110V= R110 RAC220V=R220

NP= with self-locking emergency push rod
N = with manual push rod

H: DIN43650 Type Plug
L: DIN43650 Type Plug with Lamp
F: Deutsch. protection degree IP69K
A : AMP Junior-Timer , protection degree IP66
D : With double leads
B : With terminal box

no code = without locating bore
With Orifice bore B08= ϕ 0.8mm
With Orifice bore B10= ϕ 1.0mm
With Orifice bore B12= ϕ 1.2mm

No Code = NBR Seals
V = FKM Seals

block print :
H: Black color
L: Blue color

Directional Valves

4WE10 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 10**3X/CD24 AL



4WE 10**3X/CA220 LL



4WE 10**3X/CD24 LL



4WE 10**3X/CD24 BL



4WE 10**3X/CR220 LL



4WE 10**3X/CR220 BL



4WE 10**3X/CD24 FL



4WE 10**3X/CA220 BL



方向阀
Directional Valves

4WE10 SERIES SOLENOID DIRECTIONAL VALVES



PRODUCT SERIES

4WE 10**3X/CD24 AH



4WE 10**3X/CA220 LH



4WE 10**3X/CD24 LH



4WE 10**3X/CD24 BH



4WE 10**3X/CR220 LH



4WE 10**3X/CR220 BH



4WE 10**3X/CD24 FH



4WE 10**3X/CA220 BH



4WE10 SERIES SOLENOID DIRECTIONAL VALVES



ORDERING CODE

4	WE	10	E	3X	/	C	D24		L			L
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Main Ports
= 3

Main Ports
= 4

Solenoid
Directional Valves

Size
Size = 10

Spool Symbols :

Series 30-39 = 3X
(30-39: no change of the
installation and connection size)

No code = with spring return
O = without spring return
Of= without spring return with detent.

Connect With Solenoid Thread = C

DC12V=D12 DC24V=D24
AC110V-50HZ= A110-50 AC220V-50HZ= A220-50
RAC110V= R110 RAC220V=R220

NP= with self-locking emergency push rod
N = with manual push rod

H: DIN43650 Type Plug
L: DIN43650 Type Plug with Lamp
F: Deutsch. protection degree IP69K
A: AMP Junior-Timer , protection degree IP66
D : With two wires
B : With terminal box

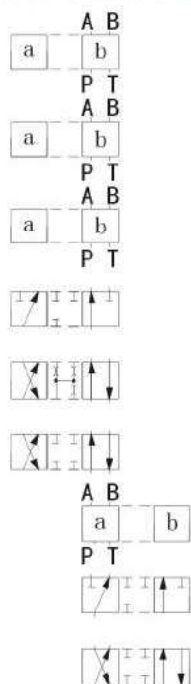
no code = without locating bore
B08=Orifice bore ϕ 0.8mm
B10=Orifice bore ϕ 1.0mm
B12=Orifice bore ϕ 1.2mm

No Code = NBR Seals
V = FKM Seals

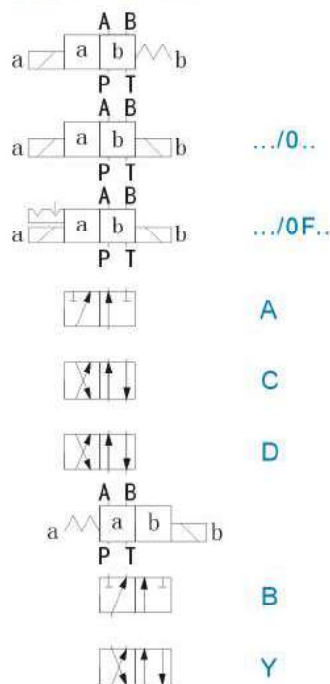
block print :
H: Black color
L: Blue color

SPOOL SYMBOLS

TRANSITION SPOOL



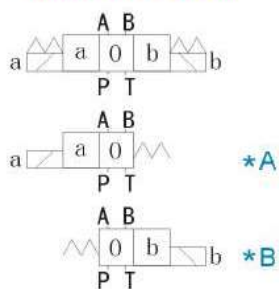
SLIDE VALVE SPOOL



TRANSITION SPOOL



SLIDE VALVE SPOOL



☆ Spool symbol with core a or b then code should be XA or XB
For example : spool E with core position a , then code should be EA

