

# SOLENOID CONTROLLED PILOT OPERATED DIRECTIONAL VALVE

SW-G04 SERIES



Joint Box With Indicating Lights



Hirschmann Type With Indicating Lights

#### ■ HOW TO ORDER

SW	-G	04	-C2	-ET	-A220	-10	-AB	-K
Series	Mounting Style	Nominal Size	Spool Type	Option ET	Coil Voltage	Wiring	Stroke Adjus	stment Option
High Pressure, High Flow Solenoid Directional Valve	Subplate Mounted	16mm	Refer to the Next Page	1	2	3	4	Knob Option

#### ① Option ET

Pilo	t Type	Drain Type		
E	No Code	Т	No Code	
External Pilot	Standard Internal Pilot Type	External Drain	Standard Internal Drain Type	

#### Description

<b>Control Connection</b>	Drain Type	Notice		
Internal Pilot Type	External Drain	Pilot Pressure Of Internally Drained Valves Must Always Exceed Tank Port Pressure		
	Internal Drain	Open Center Spools C3, C5, C6, C60 Must Be Externally Piloted		
External Dilet Time	External Drain	Unlimited Use		
External Pilot Type	Internal Drain	Offinitied OSE		

#### ② Coil Voltage

Coil Type	Voltage
A240	AC240V,60Hz;AC220V,50Hz
A220	AC220V,60Hz;AC200V,50Hz
A120	AC120V,60Hz;AC110V,50Hz
A110	AC110V,60Hz;AC100V,50Hz
R240	AC240V,60Hz;AC220V,50Hz
D12	DC12V
D24	DC24V

#### ③ Wiring

10	Joint Box with Indicating Lights
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### ④ Stroke Adjustment Option

No Code	Standard		
AB	With Stroke Adjustment Both Ends		
Α	With Stroke Adjustment Port "A" End		
В	With Stroke Adjustment Port "B" End		

C



## **List of Spool Configurations**

Application	Spool Type	Symbols	Application	Spool Type	Symbols
	C2	3 A B A B A B A B A B A B A B A B A B A	4-way, 2-position	N2	a AB b b lix rix
	C2M	3 A B A B A B A B A B A B A B A B A B A	No Spring, No Detent	N3	a A B b
	С3	3 AB	4-way, 2-position	D2	a A B III TI VV
	C4	3 AB	Detent	D3	a A B b
	C40	A B A B A B A B A B A B A B A B A B A B		B2	A B b b P T T T T
4-way, 3-position	C5	a A B A B A B A B A B A B A B A B A B A		В3	A B b b
Spring Centered	С6	a A B D D D D D D D D D D D D D D D D D D	4-way, 2-position	B4	A B b b b P T A B
	C60	A B A B A B A T T T T T T T T T T T T T	Spring Offset (Solenoid b)	B20	A B b b T T T T T T
	С7	A B A B A B A B A B A B A B A B A B A B		B21	A B b P T T T
	С8	A B b b P T		B30	A B b
	C8M	A B L L L L L L L L L L L L L L L L L L L		B2S	a AB P T
	С9	3 T T T T T T T T T T T T T T T T T T T		B3S	a A B
	C2B			B4S	a A B P T
	СЗВ	$\bigwedge_{P} \prod_{T} \bigcup_{\bullet} b$		B20S	a AB
	C4B	AB B b		C2BS	a A B 1 T T P T
	C40B	A B b P T		C3BS	a A B P T
	C5B	A B b	4-way, 2-position	C4BS	a A B
	C6B	A B b P T	Spring Offset (Solenoid a)	C40BS	a A B M M M M M M M M M M M M M M M M M M
4-way, 2-position Spring Offset	C60B	A B b l l l l l l l l l l l l l l l l l l		C5BS	a AB
(Solenoid b)	С7В	AB b b P T		C6BS	a A B P T
	C8B	A B b P T P T		C60BS	a A B I I I I I I I I I I I I I I I I I I
	С9В	AB T P T		C7BS	P T  A B  P T
	C5SB	A B b b P T		C8BS	a A B P T P T
	C8SB	AB PT		C9BS	a AB PT
	C9SB	MAB PT PT b	4-way,	C5S	A B A B P T
			3-position Spring Centered	C8S	A B b b P T
				C9S	AB T P T