

SOLENOID CONTROLLED PILOT OPERATED DIRECTIONAL VALVE SW-G10 SERIES





Joint Box With Indicating Lights

Hirschmann Type With Indicating Lights

HOW TO ORDER

SW	-G	10	-C2	-ET	-A220	-10
Series	Mounting Style	Nominal Size	Spool Type	Option ET	Coil Voltage	Wiring
High Pressure, High Flow Solenoid Directional Valve	Subplate Mounted	32mm	Refer to the Next Page	1	2	3

1 Option ET

Pilot	Туре	Drain Type		
E	No Code	Т	No Code	
External Pilot	Standard Internal Pilot Type	External Drain	Standard Internal Drain Type	

Description

Control Connection	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 Type	External Drain	Unlimited Use		
External Pilot Type	Internal Drain			

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		
D12	DC12V		
D24	DC24V		

③ Wiring

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List of Spool Configurations

Application	Spool Type	Symbols	Application	Spool Type	Symbols
	C2		4-way, 2-position	N2	
	С3		No Spring, No Detent	N3	
	C4		4-way, 2-position	D2	
	C40		Detent	D3	
4-way, 3-position	С5		4-way,	В2	
Spring Centered	C6	A B P T	2-position Spring Offset	В3	
	C60	$\begin{array}{c} a \\ A \\ T \\ T$	(Solenoid b)	B20	$\bigwedge_{\substack{I = 1 I = 1 I = 1 \\ P = T}}^{A B} b$
	С7			B2S	
	C8			B3S	
	С9		4-way, 2-position Spring Offset (Solenoid a)	B20S	$ \begin{array}{c} a \\ A \\ T \\ T$
	C2B	$\bigwedge_{\substack{T \ T \\ P \ T}}^{A \ B} \bigvee_{p \ T}^{b}$		C2BS	$\begin{array}{c} a \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ P \\ T \end{array}$
	C3B			C3BS	
	C4B			C4BS	
	C40B			C40BS	
	C5B			C5BS	
4-way,	C6B			C6BS	
2-position Spring Offset	C60B	$\bigwedge_{\substack{I \perp I \perp I \\ P T}}^{A B} \bigvee_{P T}^{b}$		C60BS	$ \begin{array}{c} P \\ A \\ B \\ A \\ A$
(Solenoid b)	C7B	$\bigwedge \stackrel{A \ B}{\underset{P \ T}{\vdash_{T}}} \stackrel{b}{\underset{\blacksquare}{\scriptstyle_{P}}}$		C7BS	
	C8B	$\bigwedge_{\mathbf{T}}^{\mathbf{A}} \mathbf{B}_{\mathbf{T}}^{\mathbf{A}} \mathbf{M}_{\mathbf{T}}^{\mathbf{b}}$		C8BS	
	C9B	$\sim \underbrace{ \left[\begin{array}{c} A & B \\ T \\ T \\ P \\ T \end{array} \right] }_{P T} \underbrace{ \left[\begin{array}{c} A \\ T \\$		C9BS	
	C5SB	A B P T		C5S	
	C8SB	$\bigwedge_{\substack{T \\ P \\ T \\ \end{array}}^{A B} T $	4-way, 3-position Spring Centered	C8S	A B T T T T T T T T T T T T T T T T T T T
	C9SB	$\bigwedge_{P}^{A} \stackrel{B}{\underset{T}{}} X \stackrel{b}{\underset{T}{}}$		C9S	