

ELECTRO-PROPORTIONAL VALVES

Recommended Electronic Controllers

RECOMMENDED ELECTRONIC CONTROLLERS FOR HYDRAFORCE PROPORTIONAL VALVES

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PV08-30	2.370.1	Table 1	SP08-46R	2.088.1	Table 1	TS12-27	2.864.1	Table 2
PV08-31	2.380.1	Table 1	SP08-47C	2.110.1	Table 3	TS12-36	2.901.1	Table 2
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PV72-30	2.374.1	Table 1	SP10-57C	2.132.1	Table 3	ZL70-33	2.632.1	Table 1
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PV72-34	2.414.1	Table 1	SP10-58D	2.146.1	Table 3	ZL72-31	2.624.1	Table 1
PV72-35	2.434.1	Table 1	SP12-20	2.012.1	Table 1	ZL72-33	2.634.1	Table 1
PV76-30A	2.376.1	Table 1	TS08-20	2.812.1	Table 2	ZL72-36	2.664.1	Table 1
PV76-31	2.386.1	Table 1	TS08-27	2.860.1	Table 2			
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TABLE 1 — For all PV, ZL and SP Valves (except SPxx-47, SPxx-57 and SPxx-58)

Valve Coil Voltage	Control Input Signal	RECOMMENDED ELECTRONIC CONTROLLERS							
		DIN Coil Mount		PCB Board Only		Metal Box Style		DIN Rail Mount	
		Part No.	Cat. Pg.	Part No.	Cat. Pg.	Part No.	Cat. Pg.	Part No.	Cat. Pg.
12	0–5 VDC	7114950	3.510.1	4000046	3.520.1	4000049	3.530.1	4000136	3.540.1
12	0–10 VDC	4000070	3.511.1	4000141	3.521.1	4000124	3.531.1	4000137	3.541.1
12	4–20 mA	4000123	3.512.1	4000143	3.522.1	4000130	3.532.1	4000139	3.542.1
12	PWM	—	—	4000144	3.525.1	4000133	3.535.1	4000140	3.545.1
24	0–5 VDC	4000161	3.510.1	4000194	3.520.1	4000174	3.530.1	4000136	3.540.1
24	0–10 VDC	4000165	3.511.1	4000141	3.521.1	4000182	3.531.1	4000137	3.541.1
24	4–20 mA	4000169	3.512.1	4000143	3.522.1	4000186	3.532.1	4000139	3.542.1
24	PWM	—	—	4000144	3.525.1	4000133	3.535.1	4000140	3.545.1

TABLE 2 — For all EHPR and TS Series Valves

Valve Coil Voltage	Control Input Signal	RECOMMENDED ELECTRONIC CONTROLLERS							
		DIN Coil Mount		PCB Board Only		Metal Box Style		DIN Rail Mount	
		Part No.	Cat. Pg.	Part No.	Cat. Pg.	Part No.	Cat. Pg.	Part No.	Cat. Pg.
12 or 24	0–5 VDC	4000161	3.510.1	4000194	3.520.1	4000174	3.530.1	4000136	3.540.1
12 or 24	0–10 VDC	4000165	3.511.1	4000141	3.521.1	4000182	3.531.1	4000137	3.541.1
12 or 24	4–20 mA	4000169	3.512.1	4000143	3.522.1	4000186	3.532.1	4000139	3.542.1
12 or 24	PWM	—	—	4000144	3.525.1	4000133	3.535.1	4000140	3.545.1

TABLE 3 — Driver/Controller for SPxx-47, SPxx-57, SPxx-58 Series Dual-Solenoid Valves

Valve Coil Voltage	Driver Part No.	Cat. Pg.
12 or 24 VDC	4000149	3.550.1