

Friendly, Intelligent, Powerful

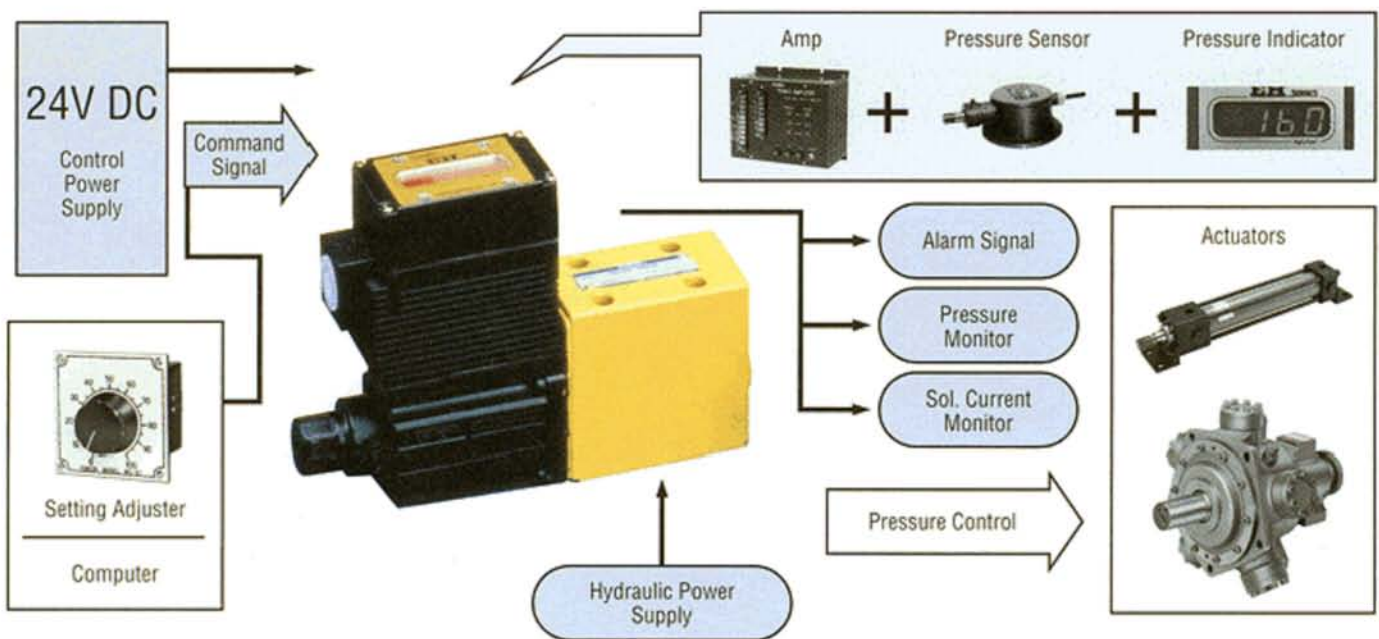
Proportional Electro — Hydraulic Controls

EH Series Proportional Electro-Hydraulic Control Valves

These EH Series are compound products of hydraulic equipment using the latest electronic and sensor technology based on the reputable E Series proportional electro hydraulic controls. We have realized epochmaking easily usable hydraulic equipment with high precision and reliability by unifying amplifier, sensor, digital data indicator which are required for proportional or servo control system into valves, and making them compact.



- Just preparing the power source(DC) for controls and command signals in addition to hydraulic source, you can easily structure proportional control system or servo system. Amplifiers exclusively used for the system or electric control panels separately installed are unnecessary.
- By using built-in sensors;
 - (1) Pressure, orifice openness which can be converted to flow rate can be detected and controlled remotely.
 - (2) As well as a compound amplifier, closed loop system can be structured.
 - (3) Sensor output signals or deviation signals at structuring closed loop system can be monitored.
- Such disadvantages as seen in ordinary hydraulic systems in which hydraulic components, sensors and amplifiers are interconnected with each other but installed separately are eliminated.



Valve Type	Maximum Operating Pressure MPa	Max. Flow L/min											
		1	2	3	5	10	20	30	50	100	200	300	500
Pilot Relief Valves	24.5	EHDG-01											
Relief Valves	24.5	EHBG 03 06 10											
Reducing & Relieving Valves	24.5	EHRBG 06 10											
Flow Control (& Check) Valves	24.5	EHFG/EHFCC 03 06											
Flow Control & Relief Valves	24.5	EHFBG 03 06 10											
Directional & Flow Cont. Valves	24.5	EHDFG 01 03											
High Response Type Directional & Flow Cont. Valves	15.7	EHDFG 04 06											

Note) Setting adjusters are also available.