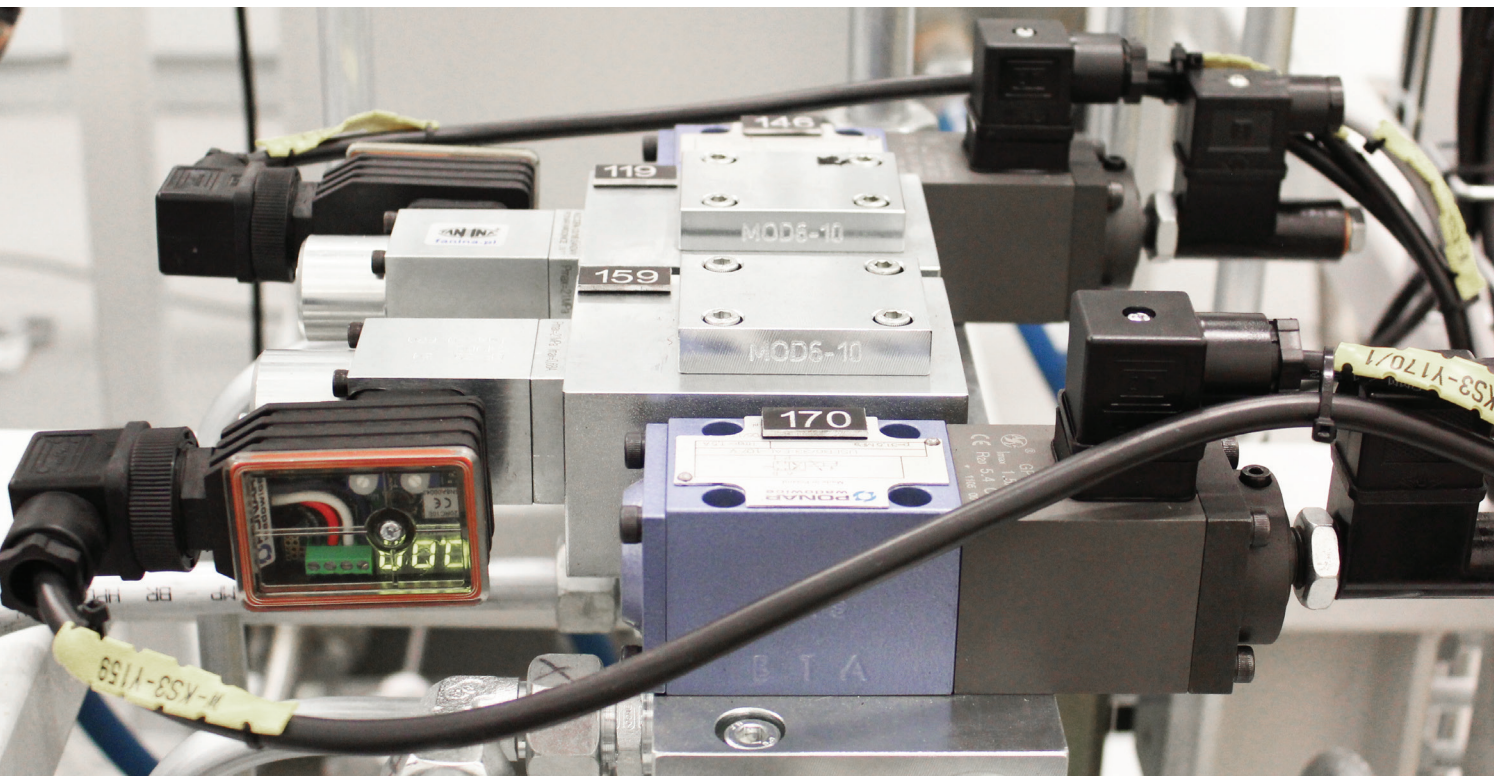


PROPORTIONAL ELEMENTS

Application of proportional oil hydraulic elements allows for providing full control of the flow rate and pressure in a hydraulic system.

We offer elements suitable for many various mounting methods (subplate, threaded, cartridge, sandwich type mounting) and performing different functions in a hydraulic system (directional control valves, pressure valves, flow controllers).

We also provide a variety of control cards and digital current controllers, some of its versions feature integrated electronics.



DIRECTIONAL CONTROL VALVES

group	NS	P _{max} [MPa]	Q _{max} [dm ³ /min]	type
	6-32	31,5-35	10-1600	USAB, USEB, USAEB, USEEB, USAP, USAEP, USEEP
	6, 10	35	40	4/3WREM

FLOW CONTROL VALVES

group	NS	P _{max} [MPa]	Q _{max} [dm ³ /min]	type
	10	25	90	WDUC10
	6,10	21, 25	25-90	WDUD
	6-10	21, 25	22-80	WDUB, UDRDA6, UDRDE6

PRESSURE CONTROL VALVES

	group	NS	P _{max} [MPa]	Q _{max} [dm ³ /min]	type
	pressure relief, subplate valves	6-30	31,5-35	600	WZPPE6/ WZPRE6, WZPPE
	pressure reducing/subplate/ threaded/cartridge valves	10, 20	31,5	300	WZRPE
	pressure reducing/relief, sub- plate valves	10	31,5	80	WZCPE10
	pressure reducing, subplate valves (CETOP)	6	10	15	3WZCDE6
	pressure reducing/relief, sand- wich type valves	6	32	50	WZCR6
	cartridge/pressure relief and pressure reducing valves	4-6	5, 21	21, 30	WZRS6, WZPSE6, WZCDE4

CURRENT AMPLIFIERS

grupa

type



adjustable current amplifiers

20RE 10E, 20RE 10ES,
30RE 20D, 30RE21D,
21RE 10D, 20RE 10D,
30RE 21, 30RE 20,
30RE 11, 20RE 10,
32RE 20, 32RE 21,
32RE 11

CURRENT CONTROLLERS

grupa

type



digital current controllers

20RC 10E,
30RC 20D

CONTROLLING CARDS

grupa

type



electronic cards for controlling
position sensor of a propor-
tional solenoid

ECI9D-01