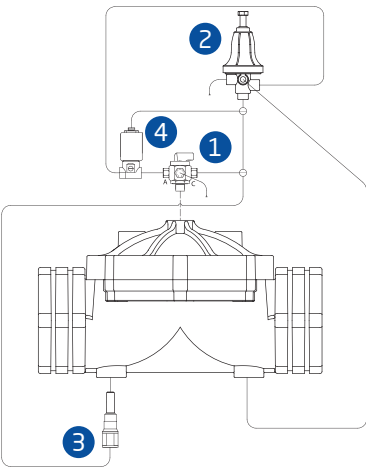


PREL SOLENOID CONTROLLED PRESSURE
REDUCING VALVE



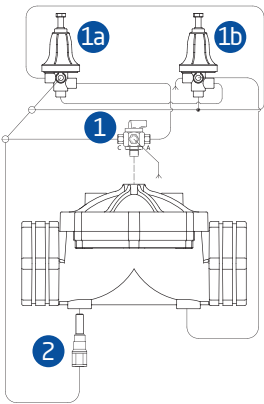
● DESCRIPTION

Armas "PREL" model pressure reducing valve is the hydraulic control valve which reduces high upstream pressure value into desired lower pressure value. Control of main valve is achieved by means of built-in solenoid pilot valves. Electric signal for solenoid pilot valves is ensured by means of a control device, time relay, main switch and PLC control units etc. Automated control may be easily ensured by this way in application systems.

● CONTROL SYSTEM COMPONENTS

- 1 3- way selector valve
- 2 Plastic Pilot
- 3 In-line Finger Filter
- 4 Solenoid Pilot Valve

PRPS PRESSURE REDUCING AND SUSTAINING
CONTROL VALVE



● DESCRIPTION

Armas "PRPS" model pressure reducing/sustaining hydraulic control valve reduces valve downstream pressure to desired value by sustaining upstream pressure. Two pilot valves exist on valve. Pilot valve on upstream side is the pressure sustaining pilot valve and sustains upstream pressure. Other pilot valve is pressure reducing pilot valve and keeps downstream pressure constant by reducing it to desired value. Reducing/sustaining control valve pumps fluid downwards; it ensures that system works within normal values by regulating over flow and high pressure in pumping systems. It controls upstream and downstream pressure continuously and keeps them within constant values.

● CONTROL SYSTEM COMPONENTS

- 1 3- way selector valve
- 2 In-line Finger Filter
- 1a Plastic Pressure Sustaining Pilot
- 1b Plastic Pressure Reducing Pilot