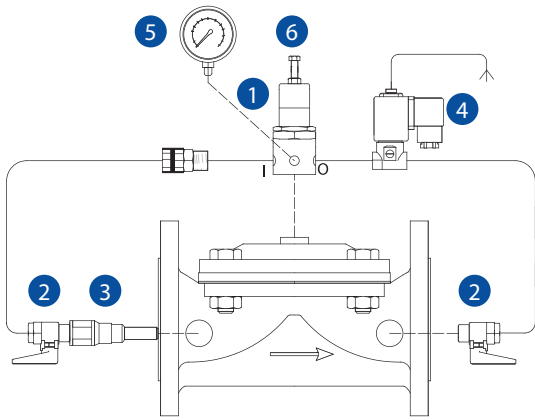


PREL **SOLENOID CONTROLLED
PRESSURE REDUCING VALVE**



● **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 3/2 -way 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 Pressure Reducing Pilot Valve | 4 Solenoid Pilot Valve |
| 2 Ball Valves | 5 Pressure Gauge |
| 3 In-line Finger Filter | 6 Adjustment Bolt |

● **PURCHASE SPECIFICATIONS**

The valve will be direct diaphragm closing automatic hydraulic control valve which works with line pressure. No wearable parts such as stem, bearing and seat exist in main valve body. The valve position will be controlled by a hand operated selector valve.

● **QUICK SIZING**

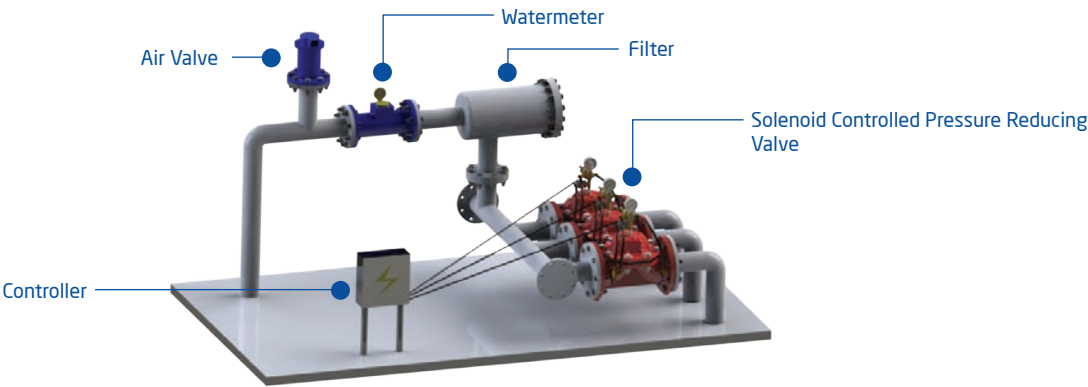
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec
(18 ft/sec)

● **ORDER INFORMATION**

Please submit following information to our sales department while ordering.

Maximum flow rate	: m³/h	Maximum upstream pressure	: bar
Maximum network/line pressure	: bar	Minimum upstream pressure	: bar
Main line size	: mm	Desired downstream pressure	: bar
Valve connection type	: ---	Electric voltage value to be used	: volt

TYPICAL APPLICATION



Armas Solenoid Controlled Pressure Reducing Valves can be used at advanced automation systems with its pressure reducing function.