

## GEM-FLOW™ | G500-PREL

### Solenoid Controlled Pressure Reducing 1-1/2" - 4"

#### Description

G500-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.

\* For technical information, refer to G75-A and G75-A3P solenoid valves

#### Applications

- Use G500-PREL for water distribution, where downstream pressure should be reduced, the valve is commanded to open

#### Standards

- G500-PREL: 3 Way plastic pressure reducing pilot, solenoid 24V AC NO, polyethylene plastic tubing system and nylon fittings
- G500-PRELM: 3 Way plastic pressure reducing pilot, solenoid 24V AC NO, polyethylene plastic tubing system and nylon fittings and 3 Way selector
- Standard pressure adjustment from factory: 2.5 bar

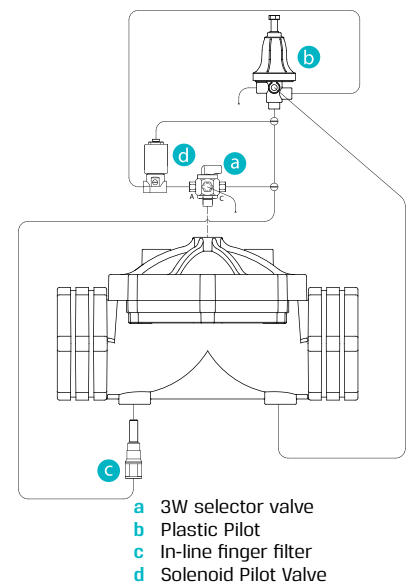
#### How to Order

G500	-	TYPE	-	PORT	VOLTAGE	WIRES	PRESSURE RANGE
		without Manual Selector	PREL	1-1/2" BSPT 70	No solenoid (hydraulic)	two null	0.5-5 bar Y
		with Manual Selector	PRELM	1-1/2" NPT 71	24V AC	three <sup>(2)</sup> a	1-10 bar G
				2" BSPT 80	24V AC w/out Diode	1R	
				2" NPT 81	12V AC	3	
				2-1/2" BSPT 85	12V DC	4	
				2-1/2" NPT 86	24V DC	5	
				3" BSPT 90	23Ω	6	
				3" NPT 91	4Ω	B	
				4" BSPT 100	9Ω	C	
				4" NPT 101	12Ω	D	
				4" Flange 100F	1Ω <sup>(1)</sup>	PA	
					4Ω <sup>(1)</sup>	PB	
					9Ω <sup>(1)</sup>	PC	

#### Example: G500-PRELM-851G

GEM-FLOW™ G500 Solenoid controlled pressure reducing, with manual selector, 2-1/2" BSPT, 24V AC, two wires, 1-10 bar

- (1) For G75-A3P Latch  
 (2) For Latch only



\* To order valves manufactured according to your specific requirements, please contact our technical sales department