

GEM-FLOW | G500-QR

Quick Pressure Relief 1-1/2" - 4"

Description

G500-QR model quick pressure relief valve is the safety control valve designed to protect the system by releasing pressure surges, which are caused by sudden changes in water speed due to pumps put into/out of service, in water network elevation lines to the atmosphere quickly. When network pressure exceeds set point, the valve opens by itself quickly and protects the system by releasing over pressure. When the line pressure decreases to normal level, it is tightly closed slowly and automatically without causing a surge.

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



Applications

- Use G500-QR when wishing to avoid unwanted high pressure

Standards

- G500-QR: 3 Way plastic pilot, polyethylene plastic tubing system and nylon fittings
- G500-QRM: 3 Way plastic pilot, polyethylene plastic tubing system and nylon fittings and 3 Way selector

How to Order

G500	TYPE	PORT	VOLTAGE	WIRES	PRESSURE RANGE
	without Manual Selector QR	1-1/2" BSPT 70	No solenoid (hydraulic)	0	0.5-5 bar Y
	with Manual Selector QRM	1-1/2" NPT 71	24V AC	1	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 ⁽¹⁾	PA	
			4Ω ⁽¹⁾	PB	
			9Ω ⁽¹⁾	PC	

Example: G500-QR-701G

G500 quick pressure relief, without manual selector, 1-1/2" 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

