

F289 Pilot Regulator

The PL82 is designed for the P1808 and P289 Back Pressure/Relief regulators.

The PL82B is used in pressure relief applications and vents continuously when the main valve is re-positioned or in the relieving mode. The PL82B does not bleed/relieve with pressures below the set pressure.

The PL83 is a low pressure unit for the inches of water column spring ranges of the 2" F289 and is a high bleed restriction pilot.

The gain options of low, medium and high allow for the lowest build ups and fastest response speed - high gain being the fastest.



F289 Pilot Matrix

PL		02				0	
	↑		↑	↑	↑		Version
	82						For PSIG Ranges
	83						For WC Ranges
							Configuration
		B					Relief Device
							Spring Range - WC or PSI / BAR
					002	For 2" P289	14"-2 / 0.03-0.13
					010		2-10 / 0.13-0.69
					018	For 1" 289	10-18 / 0.7-1.3
					030		18-30 / 1.3-2.1
					100		30-100 / 2.1-7.0
							Bleed Restrictions
					L		Low Gain
					S		Standard Gain
					H		High Gain
							Trim
					0		Nirile (NBR)
					2		Fluorocarbon (FKM)
							Body Material
					0		Aluminum

P1808 Pilot Regulator

The PL82 is designed for the P1808 and P289 Back Pressure/Relief regulators.

The PL82B is used in pressure relief applications and vents continuously when the main valve is re-positioned or in the relieving mode. The PL82B does not bleed/relieve with pressures below the set pressure.

The PL82 is a low bleed pilot for back pressure regulator applications and will only exhaust when the valve is being repositioned.

The gain options of low, medium and high allow for the lowest build ups and fastest response speed - high gain being the fastest.



P1808 Pilot Matrix

PL		02				0	
	↑		↑	↑	↑		Version
	82						PSI Units
							Configuration
		0					Back Pressure Regulator
		B					Relief Device
							Spring Range - PSI / BAR
					018		3-18 / 0.21-1.3
					040		15-40 / 1.0-2.75
					125		35-125 / 2.4-8.6
							Bleed Restrictions
					0		No Bleed (Back Pressure Reg)
					L		Low Gain
					S		Standard Gain
					H		High Gain
							Trim
					0		Nirile (NBR)
					2		Fluorocarbon (FKM)
							Body Material
					0		Aluminum