

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm Outlet Point Regulator - Acetylene



The Lab Master LGP510 Series single stage diaphragm outlet point regulators are designed for secondary pressure gas control of high purity Acetylene gas up to grade 5.0 purity (99.999%), on gas distribution systems.

■ LGP500 Series | Single Stage Diaphragm Outlet Point Regulator - Acetylene



- Three port configuration
- Rear point mounting (1/4 NPT male)
- Encapsulated seat design
- Low wetted surface area
- Full range of outlet fittings
- Rear entry

#### **MATERIAL**

Body Nickel Plated Brass Barstock

High Strength Alloy Bonnet Diaphragm 316L Stainless Steel

■ Seal PTFE

Seat Polyamide (Nylon®)

■ Filter 10 Micron 316L Stainless Steel

#### **SPECIFICATION**

1.5 bar (22 PSI) Maximum Inlet Pressure ■ Delivery Pressure Range 1.0 bar (22 PSI)

1.5 bar (50 PSI)

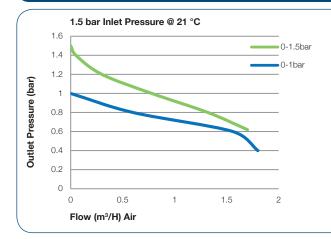
Gauges 50mm (2") Diameter Ports Inlet: 1/4" NPT Male

Outlet: 1/4" NPT Female

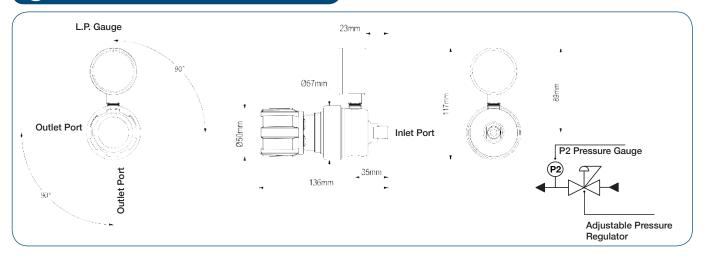
■ Temperature Range -20° C to +60° C (-4° F to +140° F)

■ Weight 1.2 kg (2.7 lb)

## **FLOW PERFORMANCE**



# (1) DRAWINGS



### **MODEL NO. SELECTOR GUIDE**

#### Example for a Model No. for LGP510 Series

LGP510-	07-		02-		00-		00-	004-		01-		Α
Product Type	Inlet Pressure Bar [PSI]	P	Outlet Pressure Bar [PSI]		Inlet Pressure Gauge		Outlet Pressure Gauge	Inlet Connection	Outlet Connecti		Options	
LGP510	<b>07</b> 1.5 bar [22]	01	0 to 1.0 [15]	00	No Gauge Fitted	00	No Gauge Fitted	<b>004</b> 1/4 NPT Male	00	1/4 NPT Female	Α	No Options Selected
		02	0 to 1.5 [22]			01	bar/PSI		01	1/8 Stainless Steel Compression	K	Certificate of Conformity (CoC)
						10	Plugged Port		02	1/4 Stainless Steel Compression	Р	Calibration / Pressure Test Certificate
									03	6mm Stainless Steel Compression	Х	Special Instruction
									04	1/4 NPT Male		
									08	G3/8 BSP L/H Brass Male		