

5.0 Purity Single Stage Nickel Plated Brass Barstock Diaphragm Line Regulator for Acetylene



The Lab Master LGL510 Series single stage diaphragm line 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.

■ LGL510 Series | Single Stage Diaphragm Line Regulator - Acetylene



- Four port configuration
- Rear panel mounting capabilities
- Encapsulated seat design
- Low wetted surface area
- Full range of inlet and outlet fittings
- Side entry

### **MATERIAL**

Body Nickel Plated Brass Barstock

High Strength Alloy Bonnet Diphragm 316L Stainless steel

PTFE Seal

Seat Polyamide (Nylon®)

■ Filter 10 Micron 316L Stainless Steel

#### **SPECIFICATION**

Maximum Inlet Pressure 1.5 bar (22 PSI) ■ Delivery Pressure Range 1.0 bar (15 PSI)

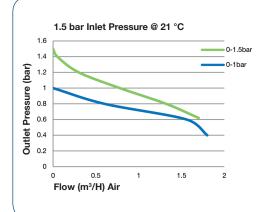
1.5 bar (22 PSI)

Gauges 50mm (2") Diameter Ports 1/4" NPT Female

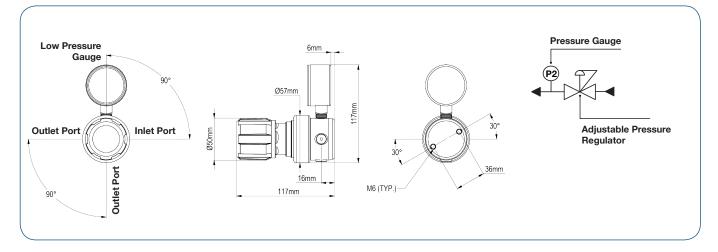
■ Temperature Range -20° C to +60° C (-4° F to +140° F)

■ Weight 1.1 kg (2.5 lb)

## **FLOW PERFORMANCE**



# **OD DRAWINGS**



#### MODEL NO. SELECTOR GUIDE

Example for a Model No. for LGL510 Series

LGL510-	L510- 07-		02-		00-		00-		001-		01-		Α	
Product Type	Inlet Pressure Bar [PSI]			Inlet Pressure Gauge		Outlet Pressure Gauge			Inlet Connection	Connection Outlet			Options	
LGL510	<b>07</b> 1.5 [22]	01	0 to 1.0 [15]	00	No Gauge Fitted	00	No Gauge Fitted	000	1/4 NPT Female	00	1/4 NPT Female	Α	No Options Selected	
		02	0 to 1.5 [22]			01	bar/PSI	001	1/8 Stainless Steel Compression	01	1/8 Stainless Steel Compression	K	Certificate of Conformity (CoC)	
						10	Plugged Port	002	1/4 Stainless Steel Compression	02	1/4 Stainless Steel Compression	Р	Calibration / Pressure Test Certificate	
								003	6mm Stainless Steel Compression	03	6mm Stainless Steel Compression	X	Special Instruction	
								004	1/4 NPT Male	04	1/4 NPT Male			
								008	G3/8 BSP L/H Brass Male	80	G3/8 BSP L/H Brass Male			
										10	Isolation Valve, 1/4 NPT Female, EPDM Seal			
										12	Isolation Valve, 1/8 Stainless Steel Compression, EPDM Seal			
										14	Isolation Valve, 1/4 Stainless Steel Compression, EPDM Seal			
										16	Isolation Valve, 6mm Stainless Steel Compression, EPDM Seal			
										18	Isolation Valve, 1/4 NPT Male, EPDM Seal			
										22	Isolation Valve, G3/8 BSP R/H Brass Male, EPDM Seal			

