

# Sevenstar D07-19 Series

Analog Mass Flow Controllers and Meters  
 Low Cost, Low Flow, Viton sealed  
 5 sccm – 30 slm



## FEATURES

- ▶ **CE Certified**
- ▶ **Cost Efficient**
- ▶ **Wide Flow Range** 5 sccm ... 30 slm
- ▶ **High Accuracy** 5 sccm ... 10 slm  $\pm 1.8\%$  FS  
 10 slm ... 30 slm  $\pm 2.0\%$  FS
- ▶ **Advanced Analog Electronics**
- ▶ **Drop-in Replacement for most Standard MFCs**



The D07-19 is an analog elastomer-sealed mass flow controller designed to measure and control the flow of gases in a wide variety of applications. It is well suited for the manufacture of semiconductors, petrochemicals, pharmaceuticals, as well as in the vacuum deposition, metallurgy, analytical instrumentation and gas distribution industries. The D07-19 can be used as a replacement for most standard mass flow controller and can drop directly into the same space without modifying existing gas lines.

## Performance

Accuracy	
5 sccm...10 slm	$\pm 1.00\%$ Fullscale
10 slm...30 slm	$\pm 2.00\%$ Fullscale
Linearity	$\pm 1.00\%$ Fullscale
Repeatability	$\pm 0.20\%$ Fullscale
Response Time	1.0...4.0 Seconds
Maximum Pressure	3.00 Mpa
Differential Pressure	0.10...0.48 MPa
Temperature Range	5...45°C
Valve Configuration	NC
Leak Integrity	$1 \times 10^{-8}$ atm.cc/sec He

## Electrical

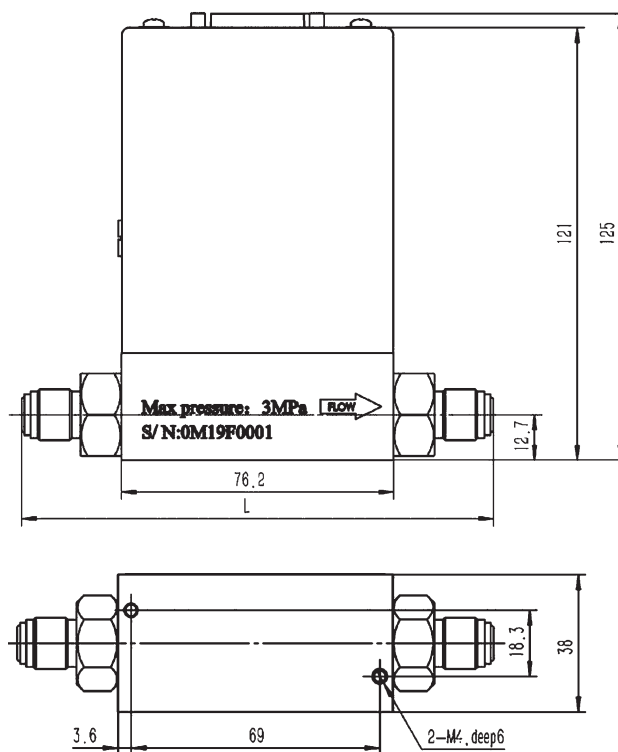
Connectors	SubD15
I/O Signal	0...5 VDC
Power Supply	$\pm 15$ VDC

## Materials

Wetted Materials	Stainless Steel 316L, Viton®
Seal Material	Viton®, Silicone Rubber, NBR, Teflon®
Weight	1.20 kg

## Overall Length

1/4" VCR Male	124.0 mm
1/8", 1/4", 6mm LOK	113.2 mm
3/8" LOK	118.2 mm



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