Touchscreen High Flow Mass Flow Controller

KELLY PNEUMATICS

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CURRENT FLOW

100.00 SLPM

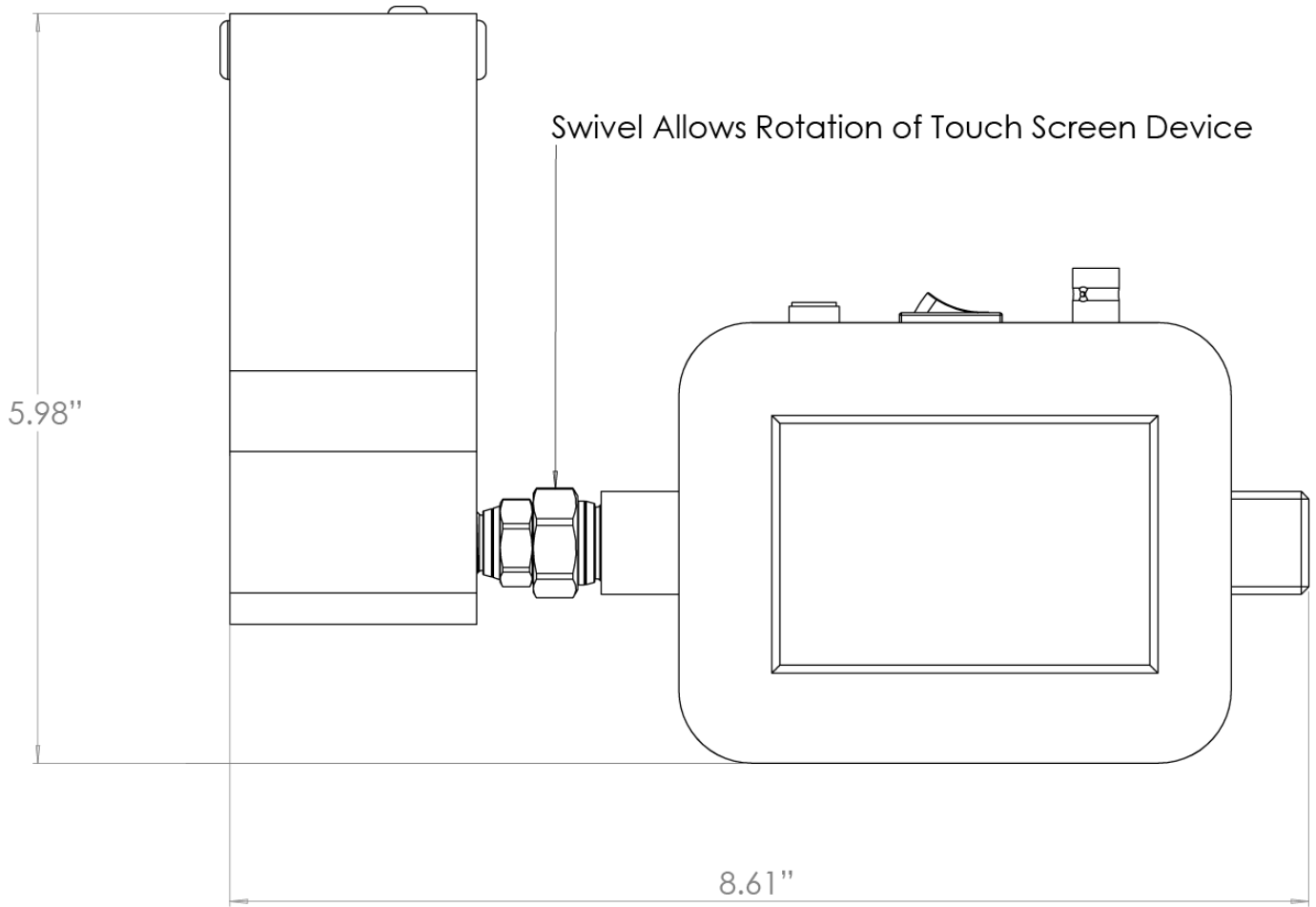SET FLOW
100.00 SLPM

FLOW

Wi-Fi Enabled

Introducing Kelly Pneumatics' latest innovation: the Touchscreen High Flow Mass Flow Controller. Designed for precision and convenience, this cutting-edge flow controller features a user-friendly 3.5-inch touchscreen interface for seamless flow setting and monitoring. Effortlessly navigate through flow adjustments and change units of measurement with just a touch. What also sets this product apart is its ability to record set flow rates and flow output performance over time, allowing users to create a comprehensive data log file. With the added convenience of WiFi connectivity, downloading and analyzing your flow data has never been easier. Embrace efficiency and enjoy the future of pressure regulation with Kelly Pneumatics' Touchscreen High Flow Mass Flow Controller – where technology meets precision.

Specifications

Input Pressure	0 to 200 PSIG
Gas/Back Pressure	0 to 100 PSIG
Flow Output Accuracy	+/- 1% Full Scale accuracy, or 0.051 lpm, whichever is greater
	+/- 2-3% of Reading is available with custom calibration
	Results dependent on application specifications
Response Time	Typical: 50 - 80 milliseconds
	Custom: 20 - 30 milliseconds
Max Flow Rate	300 SLPM @ 100 psi Differential Pressure
Port Size	3/8", 1/8", or 1/4" FPT Supply and Outlet Ports
Weight	2.0 lb
Power Supply Voltage	12 or 24 VDC (wire Leads); 110 VAC (Turnkey)
Current Required	600 mA Max
Control Signal	0 - 5 volts, 0 - 10 volts or 4 - 20 mA
Feedback Signal	0 - 5 volts or 0 - 10 volts
Touchscreen	3.5 Inch TFT Resistive
Data Interface	Wi-Fi Hotspot (data can be viewed/downloaded via web browser)
Wetted Materials	Cold rolled stainless steel w/ electroless nickle plating, brass and 304 stainless steel

Dimensions

Swivel Allows Rotation of Touch Screen Device

5.98"

8.61"

Wiring

Terminal Number	1	2	3	4
Lead Wire Color	Brown	White	Blue	Black
Function	Power Supply Voltage	Control Signal	Ground	Feedback Signal