

Fuel Flow Sensor P80



Description

The DEW Line P80 Fuel Flow Sensor is a high precision flow sensor for accurate metering of a variety of fuels. The P80 utilizes precision-machined elliptical gears to measure flow without creating undue restriction. P80 may be used in Diesel, Gasoline, and Ethanol applications.

Specifications

	Metric	SAE
Flow Rate (min)	.05 L/min	.79 Gal/Hr
Flow Rate (max)	16 L/min	253 Gal/Hr
Resolution	1.5ml	.0004 Gal
Max Pressure	12 Bar	174 PSI
Precision	+/- .5%	
Pressure Drop	.02Bar @ 100L/hr	0.3PSI @ 26.4 GPH
Working Temp	-20 to +80 deg C	-4 to 176 deg F
Dimensions	50 x 54.5 x 29mm	1.96 x 2.15 x 1.14 in
Case	Aluminum Alloy	
Gear	PEEK	
Shaft	SUS316	
Voltage (DC)	5 v	
Output	NPN open collector square-wave pulse	
Signal Load	20 mA	
Connection	1/4 BSP F or 1/4 NPT F	
MSRP	\$249	

