

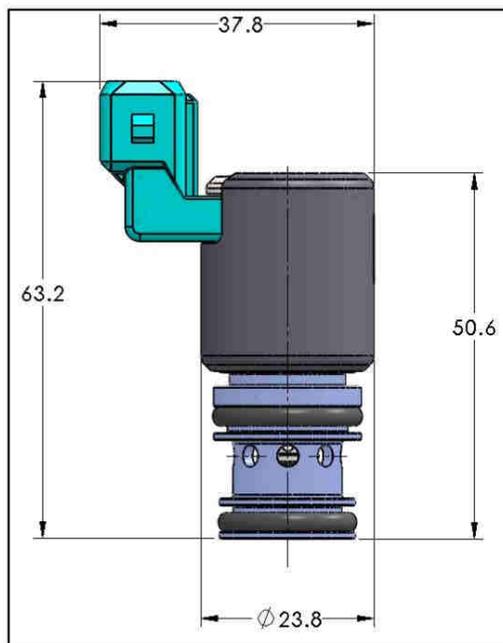
GS2 SERIES INJECTOR*LNG / CNG Fuel Injector***POWERING PRODUCTIVITY THROUGHOUT THE WORLD****Key Features**

- High flow capacity
- Cost Effective
- Compatible for use with gaseous fuel systems utilizing CNG, LNG, LPG, and Hydrogen
- Suitable for both port and throttle body injection configurations
- Compatible with 12 - 24VDC systems
- Injector response time less than 2 ms utilizing peak and hold driver
- Cartridge style design allows for easy drop-in installation
- Side feed - bottom discharge allows for simpler port design, and greater tolerance to gas contamination
- High performance OEM quality
- High durability, even with low lubricity fuels
- Low impedance design for exceptional cold weather performance



SPECIFICATIONS

Fuel	CNG, LNG, LPG, Hydrogen
Static Flow Rate	7g/s N ₂ @ 600 kPa absolute
Dynamic Flow Rate	17.5 mg/st N ₂ @ 2.5 ms and 600kPa absolute
Linearity	±5% Starting from 2.5ms
Operating Pressure Range	400 to 800 kPa absolute (58 to 116 psia)
Operating Temperature Range	-40°C to 120°C (-40°F to 248°F)
Working Voltage Range	7V to 28V using specific driver
Connector	AMP Junior Power Timer PN: 282189-1
Driver Type	Peak & Hold, 8:2 Amp driver
Burst Pressure	>1.8MPag
Endurance	600 million cycles
Corrosion / Humidity	Salt spray: 144 hours @ 23°C (73.4°F)
Vibration	72h per axis 25g sine sweep
Weight	100 grams (0.22 lbs)



Dimensions	37.8 x 23.8 x 63.2 mm (1.49 x .94 x 2.49 in)
Quality	Standard APQP protocol available. PPAP
Certifications	ECE ONU R110; ECE ONU R10; ISO 15500; RoHS

Optional Throttle Body Adapter

- Allows utilization of injector ports as needed from 1 to 4.
- Provides homogenous fuel charge into the cylinders.
- 2 or 4 port adapter styles available
- Accommodation for pressure/temp sensor
- Throttle body connection per customer specification



Mobile or Stationary Applications

- Heavy/Medium Duty On Road

