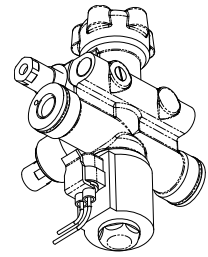


**Part Number:** 112520-2

**Part Description:** Automatic Valve, Fuel Storage Cylinder



## Product Technical Specifications

### General Specifications

Manufacturer .....	OMB Saleri
Manufacturer PN .....	691A113B317
Overall Length .....	6.1" (156 mm)
Approximate Handle Diameter .....	2.0" (51.2 mm)
Mass .....	6.2 lb (2.83 kg)
Approved Service Gas .....	Compressed Natural Gas (CNG)
Certifications .....	ISO 15500, ECE R110, NGV 3.1-1995, CGA 12.3-M95
Service Pressure .....	3,600 psi (24.8 MPa) @ 70°F (21°C)
Temperature Range .....	-40°F (-40°C) to 185°F (85°C)
PRD Activation Temperature .....	226°F ±11°F (108°C ±6°C)
Seat Orifice Diameter .....	0.157" (4 mm)
PRD Orifice Diameter .....	0.315" (8 mm)
Excess Flow Rating .....	Δ94 psi (650 kPa)
Burst Disc .....	N/A

### Electrical Characteristics

Voltage Range .....	12-15 vdc
Nominal Resistance @ 70°F (21°C).....	13.9 Ω
Nominal Current Draw .....	0.8 Amps @ 12v
Peak Current Draw .....	1.3 Amps @ 12v

### Electrical Interface

Solenoid Connector .....	Amp C-282080
Temperature Sensor Connector .....	N/A

### Mechanical Interface

Cylinder Interface .....	1 1/8"-12 UNF-2A
Valve Body Material .....	Brass, Nickel-Plated
Inlet Port .....	9/16-18 UNF-2B
Outlet Port .....	9/16-18 UNF-2B
PRD Live Port (2x).....	7/16-20 UNF-2B

Live port refers to a valve port that cannot be shut off by the use of the valve shut off mechanism; this port of the valve is connected directly to the cylinder contents.

### Torque Specifications

Valve Interface .....	100 lb-ft. (135 N.m)
7/16 SAE PRD Interface (Recommended, refer to SAE J1926) .....	204 lb-in. (23 N.m)
9/16 SAE Port Fittings (Recommended, refer to SAE J1926) .....	22 lb-ft. (30 N.m)

### Maintenance Parts

Valve Interface O-Ring .....	Quantum PN 111409-216
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