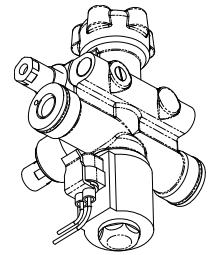


Part Number: 112520-1

Part Description: Automatic Valve, Fuel Storage Cylinder



Product Technical Specifications

General Specifications

Manufacturer	OMB Saleri
Manufacturer PN	691A113B313
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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