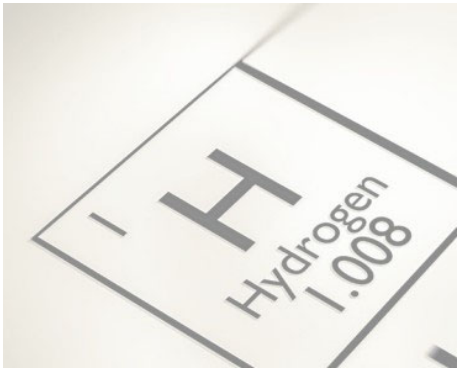
H2 Pressure Control Module

Hydrogen Fuel Systems



Product Features:

- Designed for precise control of H2 to the fuel cell stack
- Integrated module with on-off, proportional, and exhaust control
- Inlet pressure 8-12 bar and max flow 2300 L/min (H2)

Typical Applications:

- H2 Fuel Systems
- H2 Fuel Cell Electric Vehicles (FCEVs)
- Zero Emissions & Next Generation Powertrain Initiatives

Key Design Attributes:

General Specifications

- Aluminum body, HBNR seals, SS components, less than 0.25cc/min leakage at 20 barg
- BSP(G) standard connection, BSPT & NPT connection available

On-Off Specifications

- HBNR seal, fluid temperature -40C to 120C, operating pressure 0-20 barg, orifice 8mm, working voltage 18-32VDC

Proportional Specifications

- HBNR seal, fluid temperature -40C to 120C, operating pressure 8-12 barg, orifice 3mm, proof flow 600L/min @12bar input @3mm orifice, working voltage 20.5-32VDC

Exhaust Specifications

- HBNR seal, fluid temperature -40C to 120C, cracking pressure 1.9-2.1 barg, orifice 5mm

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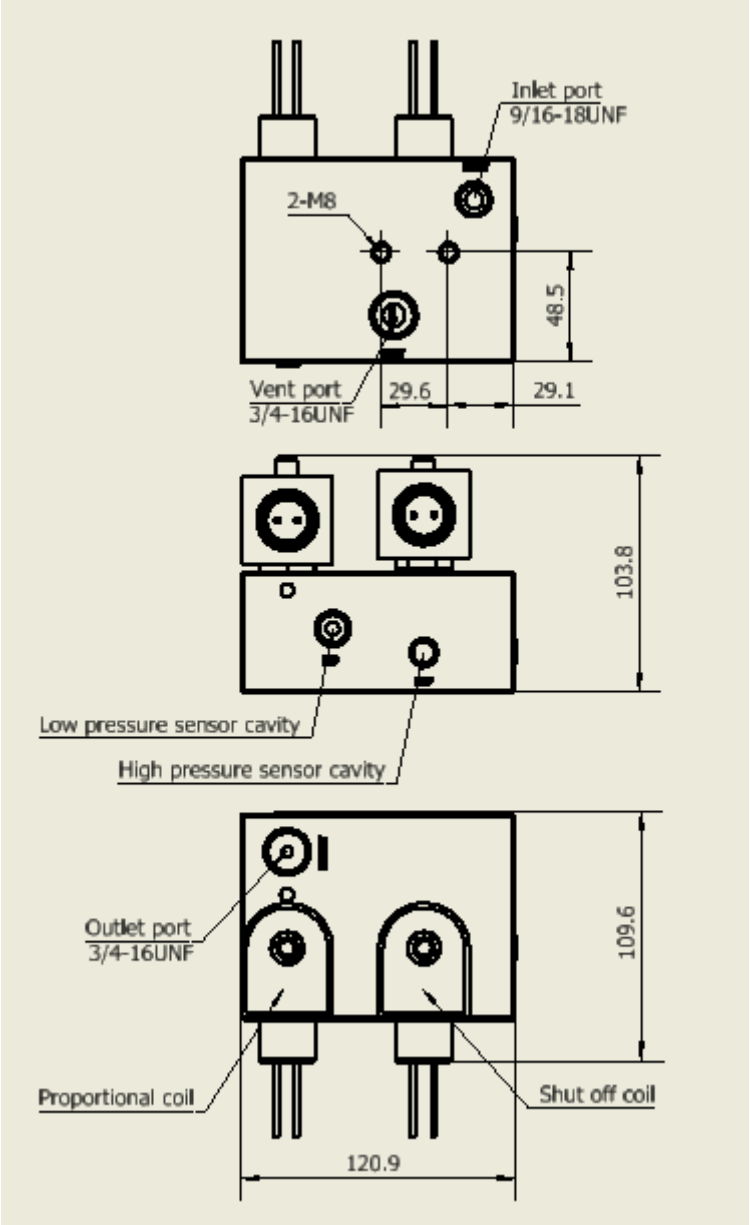
Dimensions



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