

Service Connector for Life Science Gas Supplies

Description: This unique device allows for uninterrupted gas supplies to critical life science, analytical or other applications when the process must have a continuous gas supply.

The service connector connects the primary gas supply to an emergency gas back up supply and allows for a temporary gas supply to be connected in the event one or both of the other gas supplies fails.

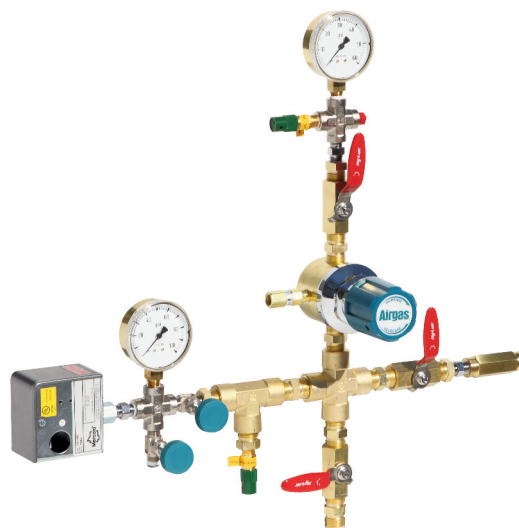
There is a pressure switch that can be interconnected to an Airgas or customer's alarm system that can alarm when the emergency supply activates if the primary gas supply fails.

The maintenance port allows for a temporary gas supply to be connected if either the primary or emergency supply system needs maintenance.

The capability to have multiple as well as temporary supply connected will protect your process, samples, or other critical elements.

Service Connector

LIFE SCIENCE CHANGEOVER MANIFOLDS



Specifications	
Maximum Rated Inlet	1,200 psig
Pressure Ranges	10-100
Flow Capacity	Cv=1.0
Ambient Operating Temperature	-40° F to +165° F
Designed Leak Rate	Bubble-Tight (helium)
Weight	21 lbs
Inlet	¼" FNPT
Outlet	¼" FNPT
Decay Inlet Characteristic	0.23/100 psi

Materials	
Body	Brass
Bonnet	Nickel-Plated Brass
Seat	PTFE
Diaphragm	316 Stainless Steel
Gauge	2½"
Filter	316 Stainless Steel
Valve Stem	316 Stainless Steel
Valve Spring	316 Stainless Steel
Trim	Nickel-Plated Brass

Design Features

- Final line regulator adjusts line pressure from 10 – 100 psig
- Check valves and safety relief valves prevent back flow from one source to another
- Maximum inlet pressure 1200 PSIG
- Manifold outlet - ¼" NPT
- Relief valve outlet - ¼" MNPT
- Pressure switch set point 0 – 200 psi
- Ball valves provide a visual indication of which supply source is active
- Needle valve allows for purging or venting of gas lines.

Optional Parts						
Product Number	Material	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Capacity (scfh @ Max Del. Pressure)	Delivery Gauge Range (psig)	Relief Valve Setting (psig)
Y11-LSSC1000	Brass	1,200	100	660	0 - 200	150