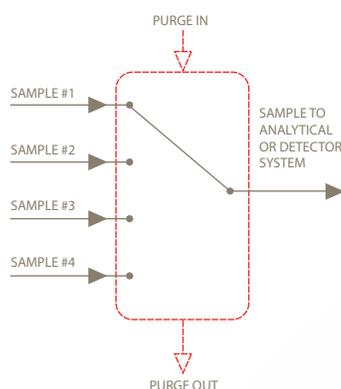


LDGSS



High Purity Gas Stream Selector



The LDGSS now brings to the gas industry the most reliable and easy way to provide clean gas to any process GC and on line process analyzers. It's compact design, based on high purity connections with an unique diaphragm valve with no dead volume, is the ideal solution for any streams selection needs. This concept allows a quick response time, the possibility to work in vacuum mode and avoid drifting problems.

FEATURES:

- compact design reducing project costs.
- Leak proof, tested and certified
- Air diffusion resistant
- Unique diaphragm valve with no dead volume for stream selection
- No stream cross contamination
- Quick purging time
- Optional purge gas flow to avoid contamination
- Easy to operate
- Oxygen cleaned and compatible
- Can be easily integrated to any type of process G.C. or on line process analyzers

APPLICATIONS:

- Air Separation industry
- Semiconductor manufacturing
- Laboratory GC's installation
- System's Integrators
- Glove box



SPECIFICATIONS:

NUMBER OF INLETS	2 to 9 streams configurable
STANDARD FEATURES	<p>Front mounted stream bypass valves</p> <p>Dry contacts that remotely give status of selected channel</p> <p>Local or Remote control via 12VDC or 24VDC supply</p> <p>Front Mounted rotary switch selector</p> <p>10u particle filter installed on every inlet</p> <p>Stainless Steel diaphragm valve or peek 3 ways solenoid valve (must be specified when ordering)</p>
OPTIONS	<p>BPR : Sample outlet back pressure regulator to maintain a constant sample outlet pressure.</p> <p>VPB : Valves purge box for toxic and/or hazardous gases.</p> <p>PG : Purging gas port for diaphragm valve version for high purity application or toxic/hazardous gases.</p> <p>PR : Stream inlet pressure regulator for reducing stream pressure</p> <p>C : Coated flow path for corrosive and absorbent gases</p> <p>MBP : Metal bellow pump for low pressure application</p> <p>O2 : Oxygen clean certified</p>
SAMPLE BYPASS ADJUSTABLE VALVE FLOW RANGE	0 to 500 ml/min
GAS INLET & OUTLET CONNECTIONS	<p>1/16"- 1/8" or 1/4" Stainless Steel Compression Type Swagelok compatible.</p> <p>1/8" or 1/4" Stainless Steel High Purity VCR type.</p>
PURGED GAS VENT CONNECTIONS	1/8" Stainless Steel Compression Type Swagelok compatible
SUPPLY	85VAC to 240VAC 50/60Hz
POWER CONSUMPTION	10 watts
MAXIMUM OPERATING PRESSURE	<p>30 PSIG (206Kpa) with peek solenoid valve version</p> <p>300 PSIG (2068Kpa) with stainless steel diaphragm valve version</p>
MINIMUM OPERATING PRESSURE	3 PSIG (20Kpa) (lowest pressure can be achieved for glove box application by adding the optional metal bellow pump)
NOMINAL WORKING PRESSURE	20 PSIG (138Kpa)
REMOTE CONTROL VOLTAGE INPUT	12 VDC or 24VDC at 200mA maximum

ORDERING INFORMATION:

LDGSS	-XXX	-X	-X/X	-XXX	-XXX
	Operating Voltage 120 Volts (-120) 220 Volts (-220)	Number of Inlets 2 to 9 : 2 to 9 streams	Gas Inlets Connections Size 1/16 : 1/16 inches 1/8 : 1/8 inches 1/4 : 1/4 inches	Gas Inlets Type VCR : face seal type SWG : compression type	Options BPR C VPB MBP PG O2 PR

DIMENSIONS:

