

MECHANICAL DIAPHRAGM Vacuum Switch-Electrical



- Fully adjustable for use on circuits requiring an indication of vacuum condition.
- Can be wired for NO or NC
- Anodized aluminum body with rubber boot insulation cover.

TECHNICAL FEATURES	12 01 10
Connection Port	G1/8
Adjustment Range	2-29.0"Hg
Repeatability	0.05"Hg
Electrical Connections	Spade Terminals
Insulation	IP55
Operating temperature	-25°C to +85°C (-13°F to -185°F)

MECHANICAL DIAPHRAGM Vacuum Switch-Pneumatic



- Fully adjustable for applications requiring an indication of vacuum condition or where switch is being used to cycle a pneumatic component such as venturi or pneumatic valve based on vacuum degree set point.
- Available NO and NC

TECH. FEATURES	12 01 30	12 02 30
Conn. Port	G1/8	G1/8
Type	Norm. Closed Contacts	Norm. Open Contacts
Adj. Range	2-28.5"Hg	2-27.0"Hg
Repeatability	0.05"Hg	0.05"Hg
Pneu. Connection	5/32" Push in fitting	5/32" Push in fitting
Operating Temperature	-25°C to +85°C (-13°F to -185°F)	-25°C to +85°C (-13°F to -185°F)

VACUUM REGULATORS



- Used where precise control of maximum vacuum is required whether for a central vacuum system or a remote application.
- Non-relieving design

TECHNICAL FEATURES	
Operation	Membrane-Piston Diaphragm
Adjustment	Model 11" * 10 - 6"Hg-29.92"Hg Model 11" * 50 - 0.5"Hg-29.92"Hg
ACFM Flow	Refer to table
Operating temperature	-10°C to +80°C (-14°F to -176°F)

Part No.	Port Size	Max. flow cap. CFM	Gauge Port
11 01 10	G1/4	006	G1/8
11 02 10	G3/8	010	G1/8
11 03 10	G1/2	020	G1/4
11 04 10	G3/4	040	G1/4
11 05 10	G1	080	G1/4
11 06 10	G1.5	160	G1/4
11 03 50	G1/2	20	G1/4
11 05 50	G1	80	G1/4
11 06 50	G1.5	160	G1/4

Gauges not included, must be ordered separately

DIGITAL VACUUM SWITCH



- PNP solid state design with two individual set points can be used to cycle a vacuum generator as well as show current vacuum degree.
- As an example, one set point can be used for part presence and the other to indicate that maximum vacuum level has been reached.
- Current condition of switch is indicated by one of two LED indicators.

TECHNICAL FEATURES	
Connection Port	G1/8 Male
Adjustment Range	0 - 29.92"Hg
Type	NC and NO
Output	2 x PNP
Repeatability	0.2% of range
Electrical Connection	M8 4 pin male connector
Insulation	IP65
Operating Temperature	-20°C to +85°C (-4°F to -176°F)

All the above products are available in NPT threads upon request. However, vacuum applications should utilize the G-thread wherever possible.

VACUUM GAUGES

Carbon Steel



Back Mount
GS-011.5030HGCSBA18

Carbon Steel



Bottom Mount
GS-011.5030HGCSB014

Stainless Steel



Back Mount
GS-012.5030HGSSBA14

Stainless Steel



Panel Mount
GS-012.5030HGSSBA14PM

Stainless Steel



Bottom Mount
GS-012.5030HGSSB014

Part Number	Dial Size	Pressure Range	Case Material	Port Size	Port Position
GS-011.5030HGCSBA18	1.5"	Vacuum 0~30"Hg	Black Carbon Steel	1/8NPT	Back
GS-012.0030HGCSBA14	2.0"	Vacuum 0~30"Hg	Black Carbon Steel	1/4NPT	Back
GS-011.5030HGCSB018	1.5"	Vacuum 0~30"Hg	Black Carbon Steel	1/8NPT	Bottom
GS-012.0030HGCSB014	2.0"	Vacuum 0~30"Hg	Black Carbon Steel	1/4NPT	Bottom
GS-012.5030HGSSBA14	2.5"	Vacuum 0~30"Hg	Stainless Steel	1/4NPT	Back
GS-012.5030HGSSBA14PM	2.5"	Vacuum 0~30"Hg	Stainless Steel	1/4NPT	Panel mount 'u' bracket & back port
GS-012.5030HGSSB014	2.5"	Vacuum 0~30"Hg	Stainless Steel	1/4NPT	Bottom