

Pressure/Vacuum Pipeaway Assemblies with Switches

Oxygen | N₂O | Air | CO₂ | N₂ | Vacuum

FEATURES AND BENEFITS

- NEMA 4 Water Tight Enclosure
- Tamper-proof External Adjustment
- Normally Open or Normally Closed Contacts
- Snap-action Switching Elements
- N2 Typically Used for Clinical Nitrogen System
- 3.90 - 250 psi Range
- 1.60 - 30.0" Hg



SPECIFICATIONS

High/low pressure switches for oxygen, nitrous oxide, nitrogen, medical air and carbon dioxide shall be Ohio Medical® series. The Pressure switch incorporates Underwriters Laboratories Inc. listed single pole double throw snap action switching elements. The switch shall be in a Nema 4 water-tight housing and have an adjustable range of 3.90 to 80 psig and have an approximate actuation value (differential) of 1.60 to 3.40 psig. The switch shall be oxygen cleaned and have a continuous inductive rating of 10 amps 125 or 250 volts AC, 3 amps 480 volt AC. The switch may be wired “normally open” or “normally closed”. It has a 1/4" NPTF connection and will be fitted with a quick connect to facilitate field service and testing.

VACUUM SWITCH

- Nema 4 Water-tight Housing
- Range of 1.60 to 30.0 inches Hg (gauge)
- Differential of 0.40 to 0.80inches Hg (gauge)
- 10 amps 125 or 250 volts AC, 3 amps 480 volt AC
- 1/4" N PTF Connection

HIGH PRESSURE SWITCH

- Nema 4 Water-tight Housing
- Range of 11.0 to 2500 psi
- Differential of 1.0 to 20 psi
- 10 amps 125 or 250 volts AC, 3 amps 480 volt AC

GAUGE

Size	2"	
Style	ASME B40.1 Grade B	
Range	0 - 30" Hg	(0 - 700 mm Hg)
	0 - 100 PSI	(680 KPA)
	0 - 300 PSI	(2050 KPA)
Connection	1/8" (6.35 mm) NPT Center back	
Temperature	Ambient -13°F to 140°F (-25°C to 122°C)	

LOW PRESSURE SWITCH

- Nema 4 Water-tight Housing
- Range of 3.90 to 80 psi
- Differential of 1.60 to 3.40 psi
- 10 amps 125 or 250 volts AC, 3 amps 480 volt AC
- 1/4" NPTF Connection

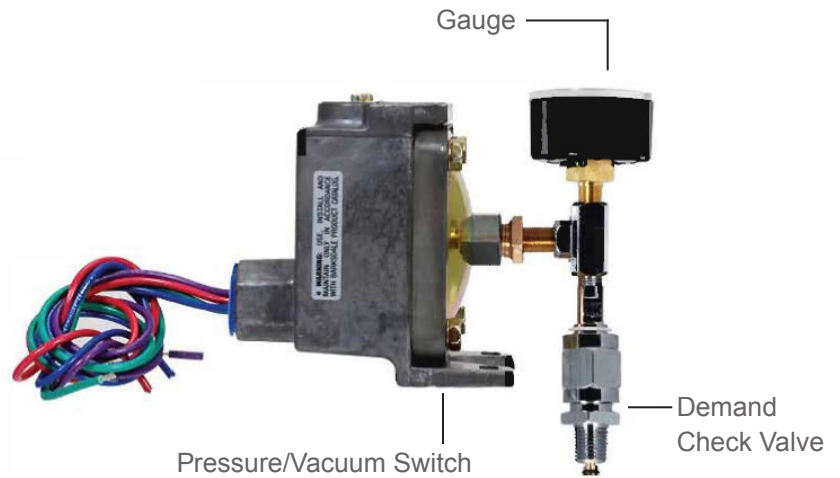
CHECK VALVE

- Allows Quick Removal of Switches
- 1/4" Brass Check valve
- 1/8" NPT Threads

Window	Snap-in Acrylic
Case	Black Steel
Pointer	Black Aluminum
Dial	White Plastic with stop pin
Media	Max 140°F (122°C)
Bourdon Tube	Copper Alloy
Movement	Copper Alloys

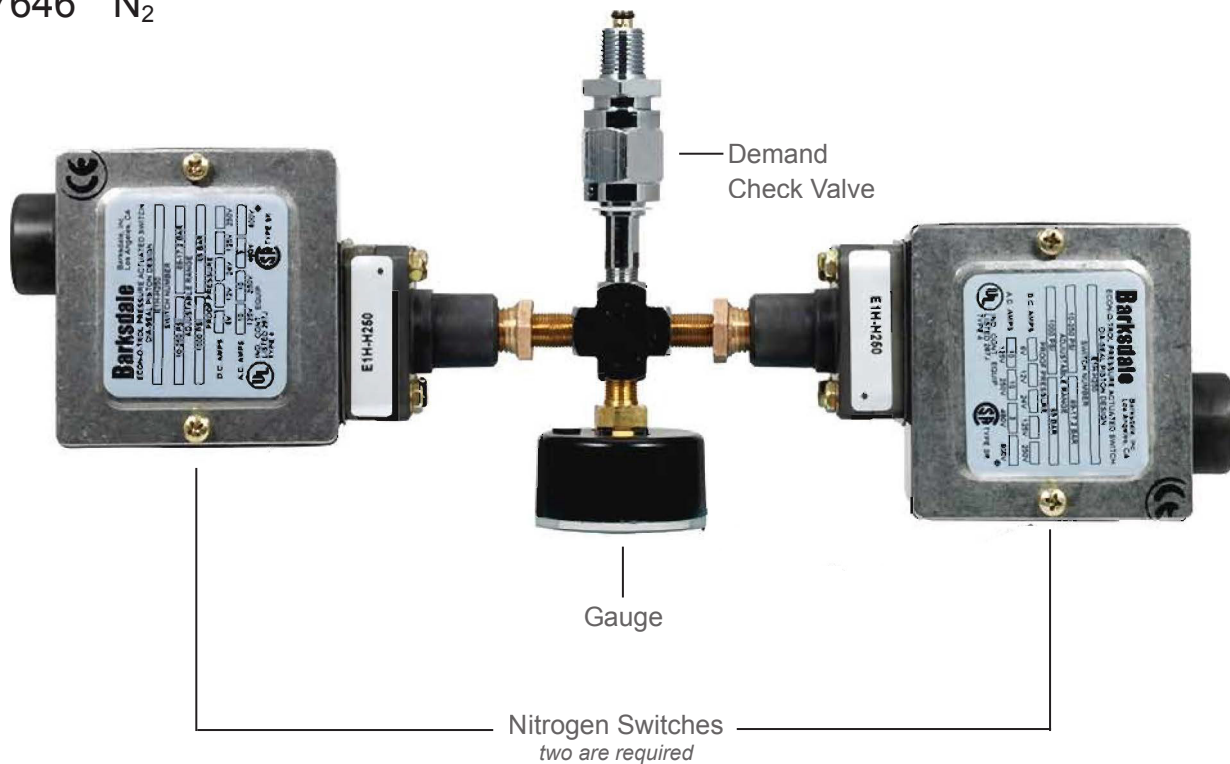
PART NUMBERS

263741	O ₂
263742	Vac
263743	Air
263744	N ₂ O
263745	WAGD
263747	CO ₂



PART NUMBERS

2637646	N ₂
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