

GAS SOLENOID VALVES (cont'd)

Specifications for Normally Open Solenoid Vent Valves Types 2 and 3R (UL Listed and CSA Certified)

Valve designation	pipe size	orifice size	max. press. psig	capacity (cfh) 0.6 sp gr 1"wc ΔP	coil		
					class	VA	
					holding	inrush	
1487A-0	3/4"	3/4"	125	250	F	25	70
1487A-1	1"	1 5/8"	25	1190	F	27	160
1487A-2	1 1/4"	1 5/8"	25	1790	F	27	160
1487A-4	2"	2 3/32"	25	3100	F	27	160
1487A-5	2 1/2"	3"	5	6290	F	50	385

Notes:

1. The 1487A-0 is available for Class I, Div.1, Groups (A,B,C,D) and Class II, Div. 1, (Groups E,F,G) - Types 3, 3S, 4, 4X, 6, 6P, 7, and 9. To order specify a -W after the part number (1487A-0-W).
2. For all other valve sizes requiring Class I, Div. I, Groups (C and D), Class I, Div. II, Groups (A and B), and Class II, Div. I, Groups (E,F,G) - Types 3, 4, 7, and 9, specify a -W after the part number (1487A-1-W).
3. See page 5 for fluid and ambient temperatures.

OIL SOLENOID VALVES

The following two-way solenoid valves are designed to control the flow of light oils (Nos. 2 and 4) and heavy oils (Nos. 5 and 6). These valves are not equipped with Position Indication or Proof-of-Closure switch. They are UL listed, FM approved, and CSA certified, normally closed shutoff valves. The valves have a Type 3R enclosure, brass body, and SST seat with 120/60-110/50 standard voltage.

Where a section of oil piping can be shut off at both ends, relief valves or expansion chambers shall be installed to release the pressure caused by thermal expansion of the oil.
per NFPA 86 6.3.3.6 (2011)

Valve designation	pipe size	orifice size	max. oper. press. (psi)			capacity gph 1 psi ΔP (1.0 sp gr)	class F coil VA		max. Recommended Pack Pressure
			#2 oil at 60 SSU and #4 at 300 SSU	#5 or heated #6 oil up to 5000 SSU			holding	inrush	
1483-02	3/8"	1/4"	110	100	70	27	160	10 psi	
1483-01	1/2"	5/16"	110	100	108	43	240	5 psi	

Notes:

1. The 1483-01 solenoid valve has a 1/2" NPT bypass. (See dimensions.)
2. Solenoid valves must be mounted vertical and upright.
3. See page 5 for fluid and ambient temperatures.

GENERAL-PURPOSE SOLENOID VALVE

This valve is a three-way, direct acting, universal solenoid for general service applications including air, inert gas, water, and light oil at 300 SSU. The body material is brass and seals are Buna N. It is UL listed and CSA certified. Standard 120/60-110/50 voltage.

Valve designation	pipe size	orifice size	max. press. psig	class F coil VA		enclosure types
				holding	inrush	
1488-03	1/4"	1/8"	50	40	70	1,2,3,3S,4,4X

Notes:

1. This valve is used on 7219SS Regulators and 1600 Air Motors usually in conjunction with flame supervisory systems.
2. See page 5 for fluid and ambient temperatures.