

OIL AND GAS WE HAVE YOUR VALUE.



The oil and gas Industry relies on valves in every step of the process including pumping, storage, transfer and refining processes. PeterPaul provides solenoid valves with options for hazardous locations such as flameproof, encapsulated coils, non incendive and C/I rated all meeting the industry safety standards.

Features Available:

- > Stainless Steel and electroless nickel plated housings for corrosive environments
- > Encapsulated or metal flame proof coil enclosures
- > Low temperatures to -60°C
- > Maximum surface temperature options as low as T5 rating
- > Pipe ports available from 1/8" to 3" NPT
- > Hazardous location rated valves
- > Low watt versions (as low as .5 watt)
- > Potted coil options for Nema 4, 4X and 7 environments
- > Liquid potting coil options for direct submersion
- > Gas appliance valves that meet CSA 6.5 ANSI Z21.1 for C/I applications
- > High temperature coils rated to 180°C
- > Wide variety of seal material to handle most media
- > Latching coils
- > High Flow

Why our valves? Because they work... period.

 ***peterpaul***[®]
EXCELLENCE BY CONTROL

www.peterpaul.com



HAZARDOUS LOCATION VALVES

Flame Proof

- > UL and CSA listed for hazardous locations – Class I, Div 1, Groups C and D, Class II, Div 1, Groups E, F and G and all Div 2 Groups (A through G)
- > 1/8" or 1/4" NPT ports
- > Low watt versions down to .85 watts
- > Standard electroless nickel plated flameproof housings
- > Complete stainless steel construction options for corrosive environments
- > High pressure options to 3000 psi
- > Temperature rating of T3C (160°C)



Encapsulation

- > UL and CSA listed for hazardous locations – Class I, Div 1, Groups A, B, C and D, Class II, Div 1, Groups E, F and G
- > 1/8" NPT ports
- > Low watt versions down to .50 watts
- > External components rated to NEMA 4X
- > Temperature rating as low as T5 (100°C)



Non Incendive

- > UL and CSA listed for hazardous locations – Class I, Division II, Groups A, B, C, and D, Class II, Division II Groups E, F and G
- > 1/4" and 3/8" NPT ports
- > Direct acting, non-piloted with large orifice, high flow
- > Nema 4 construction
- > 0-500 psi
- > Flow Cv .2 – 1.92
- > Temperature rating of T3C (160°C)



C/I Rated

- > CSA 6.5 C/I listed (ANSI 21.21-2005)
- > CSA listed for hazardous locations – Class I, Div 1, Groups C and D, Class II, Div 1, Groups E, F and G
- > Potted coil construction for NEMA 4 available
- > Capacity ratings (using 1000 BTU/Ft³, 0.64 specific gravity gas)
- > 1/4" NPT valves: 400,000 BTU/Hr with a 5 psi drop and a 12.5 psi inlet pressure (operating pressure 0 – 50 psi)
- > 1/2" NPT valves: 2,751,000 BTU/Hr with a 6 psi drop and a 15 psi inlet pressure (operating pressure 0-60 psi)
- > 3/4" NPT valves: 3,375,000 BTU/Hr with a 3 psi drop and a 7.5 psi inlet pressure (operating pressure 3 – 30 psi)
- > 1" NPT valves: 7,575,000 BTU/Hr with a 3 psi drop and a 7.5 psi inlet pressure (operating pressure 3 – 30 psi)
- > 1 1/2" NPT valves: 16,875,000 BTU/Hr with a 3 psi drop and a 7.5 psi inlet pressure (operating pressure 3 – 30 psi)

