

V4046C; V8046C Pilot Gas Valves



Provide on-off control of natural, LP and manufactured gases to pilot burners in industrial and commercial applications.

- Magnetically operated, normally closed.
- Provide instantaneous action when energized.
- On power failure, valve closes in one second maximum.
- Use in any position, directly in pipe line or on support bracket.
- Replace the solenoid coil without removing the valve body from the piping connections.
- Straight-through valve pattern.
- Available in line voltage or low voltage models.

Type of Gas: Air, natural, manufactured, and LP

Dimensions, Approximate: 2 3/4 in. high, 2 5/8 in. wide, 1 5/8 in. deep
(70 mm high, 67 mm wide, 41 mm deep)

Valve pattern: Straight-through

Frequency: 50 Hz, 60 Hz

Mounting Type: Directly in pipe or on support bracket

Temperature Ratings: -40 F to 125 F (-40 C to 52 C)

Pressure Ratings: 10 psi (13.8 kPa)

Valve Closing Time (sec): 1 sec max

Valve Opening Time: 1 sec max

Approvals:

Canadian Standards Association: Certificate No. 158158-2500006058, Guide No. C3371-03, 83

Factory Mutual: Straight-through

Industrial Risk Insurers: Underwriters Laboratories, Inc: Listed: File No. MH1639, V3, S3 - Guide No. YIOZ

Product Number	Pipe size		Capacity		Power (Vac)	Electrical Terminations
	(inch)	(mm)	cfh	m ³ /hr		
V4046C1005	1/8 in.	3 mm	20 cfh	0.57 m ³ /hr	110 Vac, 120 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V4046C1021	1/4 in.	6 mm	20 cfh	0.57 m ³ /hr	110 Vac, 120 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V4046C1047	1/4 in.	6 mm	55 cfh	1.56 m ³ /hr	110 Vac, 120 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V4046C1054	3/8 in.	9 mm	67 cfh	1.90 m ³ /hr	110 Vac, 120 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V4046C1088	3/8 in.	9 mm	67 cfh	1.90 m ³ /hr	208 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V4046C1120	3/8 in.	9 mm	67 cfh	1.90 m ³ /hr	120 Vac	Two 10 ft. leadwires and 1/2 in. conduit bushing
V8046C1006	1/8 in.	3 mm	20 cfh	0.57 m ³ /hr	24 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V8046C1014	1/4 in.	6 mm	20 cfh	0.57 m ³ /hr	24 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V8046C1022	1/4 in.	6 mm	55 cfh	1.56 m ³ /hr	24 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing
V8046C1030	3/8 in.	9 mm	67 cfh	1.90 m ³ /hr	24 Vac	Two 36-in. leadwires and 1/2 in. conduit bushing