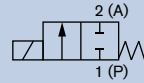


Direct-Acting Plunger 2-way Solenoid Valve

6013

NPT 1/8" - NPT 1/4"

- Direct-acting and compact valve up to diameter of DN 6.0
- Opens without differential pressure
- Vibration-proof, bolted coil system
- Slipped over coil system
- Vacuum rated valves available



Supplied as shown

CLICK ME



FOR DATA SHEET

Valve 6013 is a direct-acting plunger valve. The stopper and plunger guide tube are welded together to enhance pressure resistance and leak-tightness. Various seal material combinations are available depending on the application. A Bürkert-specific flange design (SFB) enables space-saving arrangement of valves on a manifold. Kick and Drop coils are available for the reduction of electrical power consumption during operation.

Technical Data

Materials	
Body	Brass, Stainless steel
Seals	FKM
Coil insulation	Epoxy Class H
Performance data	
Circuit function	Normally closed (NC)
Operating pressure	See table
Duty cycle (single valve)	100% continuous rating
Duty cycle (manifold)	60%
Operating voltage	24 V DC, 120 V/60 Hz
Medium temperature	
FKM seals (epoxy coil)	14 °F to 212 °F
Viscosity (maximum)	21 cP
Electrical connection	Cable plug Type 2509, Form A (included), without cable, 1/2" NPT conduit connection, Part #137943
Approvals	cULus (UL Listed for US and Canada) (To meet UL Listed Approval requirements, the valve must be used with a Type 2509 cable plug.)

Envelope Dimensions [inch] (see datasheet for details)

2509 cable plug Form A included

Size	A	B	C
1/8"	1.28	1.37	2.59
1/4"	1.92	1.37	2.82

Optional Approvals

- Hazardous Location Class I, Division 1 and Division 2
- Hazardous Location ATEX / IECEx
- cURus (Coil UL Recognized for US and Canada)

Ordering Chart

Port connection [inch]	Orifice [mm]	Cv	Pressure range [PSI]		Item no. Voltage/Frequency [V/Hz]	
			[AC]	[DC]	24 V DC	120 V/60 Hz
Brass						
NPT 1/8	2	0.14	0-362	0-174	332772	341755
NPT 1/8	2.5	0.19	0-232	0-145	332761	341756
NPT 1/8	3	0.27	0-145	0-87	332775	332762
NPT 1/4	3	0.27	0-145	0-87	332773	332758
NPT 1/4	4	0.35	0-58	0-22	332750	332757
Stainless steel						
NPT 1/8	2	0.14	0-362	0-174	332768	332753
NPT 1/8	3	0.27	0-145	0-87	341751	332755
NPT 1/4	3	0.27	0-145	0-87	332770	332769
NPT 1/4	4	0.35	0-58	0-22	341753	341757

Options

- Normally open (NO)
- Manual Override (Activation Lock Available)
- High Purity – Analytical Versions
- Helium Leak Testing
- Low Temperature design to (-40 °F)
- Dry gas design with sliding ring bearing to increase service life