

# PILOT-OPERATED NIPLOY SOLENOID VALVES

## FSV30 Series



- ✓ For Gases, Select Corrosive and Non-Corrosive Liquids
- ✓ Normally Closed or Normally Open
- ✓ ¼ to 2" Size
- ✓ Rated Up to 129°C (265°F)



FSV34 shown actual size.

FSV30 niploy valves provide the same high level of corrosion resistance as stainless steel valves, and at a lower cost. They come with a NEMA 4 (IP65) strain relief electrical connector for 2-wire, 18-gauge cable, with ground connection. Compatible timer available.

### SPECIFICATIONS

**Installation:** Any direction

**Max Pressure:**

FSV31 Through FSV33 (NC and NO):  
232 psig

FSV34 Through FSV38 (NC and NO):  
232 psig

**Body:** Brass with nickel plating

**Metal Internal Parts:**

**Core and Plunger:** 1.4105 IMRE SS

**Tube:** AISI 303

**Seals:** FKM

**Coil Class:** F

**Duty Rating:** 100% continuous N.C.  
50% continuous N.O.

**Power:** 115 Vac, 50/60 Hz

**Power Consumption:**

AC 15 VA (holding)

AC 30 VA (inrush)

### To Order

Normally Closed Model No.	Port Size (FNPT)	Normally Open Model No.	Min Δ P (psi)
FSV31	¼	FSV31-NO*	4.3
FSV32	⅜	FSV32-NO*	4.3
FSV33	½	FSV33-NO*	4.3
FSV34	¾	FSV34-NO*	4.3
FSV35	1	FSV35-NO*	4.3
FSV36	1¼	FSV36-NO*	7.0
FSV37	1½	FSV37-NO*	7.0
FSV38	2	FSV38-NO*	7.0

\* These units rated for 50% duty.

### Dimensions

Pipe Size	Lay Length mm (inch)	Height mm (inch)	Width mm (inch)	Distance Bottom to Center of Port mm (inch)	Wt. kg (lb)
¼"	67.10 (2.64)	90 (3.55)	44.0 (1.75)	15.0 (0.59)	0.5 (1.1)
⅜"	67.10 (2.64)	90 (3.55)	44.0 (1.75)	15.0 (0.59)	0.5 (1.1)
½"	67.10 (2.64)	90 (3.55)	44.0 (1.75)	15.0 (0.59)	0.5 (1.1)
¾"	96.0 (3.80)	115 (4.50)	69.85 (2.75)	22.9 (0.90)	1.2 (2.6)
1"	96.0 (3.80)	115 (4.50)	69.85 (2.75)	22.9 (0.90)	1.2 (2.6)
1¼"	140.2 (5.52)	140.2 (5.52)	96.0 (3.80)	31.0 (1.22)	2.8 (6.18)
1½"	140.2 (5.52)	140.2 (5.52)	96.0 (3.80)	31.0 (1.22)	2.8 (6.18)
2"	168.15 (6.62)	158 (6.30)	112.0 (4.40)	39.2 (1.54)	3.9 (8.6)

Comes complete with operator's manual and connector.

**Ordering Examples:** FSV33, ½ NPT normally closed pilot-operated niploy solenoid valve.  
FSV36-NO, 1¼ FNPT normally open pilot operated solenoid valve.