

- > **Miniature size allows for easy installation and reduced footprints**
- > **Robust Poppet design provides exceptional product life**
- > **Closed Crossover design prevents unintended shifting**
- > **Choice of Toggle or push button for easy actuation**
- > **Panel mountable & Swivel Input port allows for easy installation**



### Technical features

#### Medium:

Compressed air, filtered, lubricated and non-lubricated

#### Operating Pressure:

26" Hg - 125 psi

#### Operating Temperature

-20°F to 160°F

#### Materials:

Aluminum Anodized, Brass Electroless Nickel, Acetal, Stainless Steel, Nylon, Buna-N

#### Operation:

Manual Toggle or Push Button

#### Mounting

Inline or panel

#### Panel Mounting:

Nominal mounting hole dimension 31/64"

#### Port Size:

10-32, 1/8" NPT or 1/4PIF

#### Flow:

10-32 (F) Input /output	Cv = 0.20	Ports 1-2
10-32 (F) Fully porter	Cv = 0.27	Ports 1-2
10-32 (F) Fully ported	Cv = 0.25	Ports 2-3
1/8" NPT Input	Cv = 0.24	Ports 1-2

### Option selector

NVC★★★★★

Seals	Substitute
Buna-N	0
Style and Function*	Substitute
Standard 3/2NC	301
Standard 2/2NC	302
Fully Ported 3/2NC	305
1/8" NPT Input 3/2NC	306
1/8" NPT Input 2/2NC	307
Fully Ported Stainless Steel 3/2NC	320

\*NC = Normally Closed

Output Port 2	Substitute
Detented Toggle	1
Momentary Toggle	3
Push Button	5

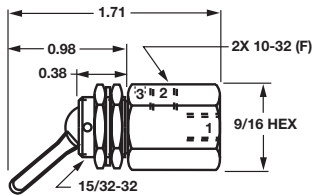
Actuator Material	Substitute
Nylon	0
Metal	2

**Technical data**

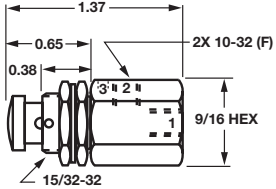
Model Number	Inlet Port Size		Outlet Ports Size		Function	Actuation	Actuation Force	
	Port 1	Port 2	Port 2	Port 3			At 50psi	At 125psi
NVC030201	10-32	10-32			2/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030203	10-32	10-32			2/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030205	10-32	10-32			2/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030221	10-32	10-32			2/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030223	10-32	10-32			2/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030225	10-32	10-32			2/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030701	1/8" NPT	10-32			2/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030703	1/8" NPT	10-32			2/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030705	1/8" NPT	10-32			2/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030721	1/8" NPT	10-32			2/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030723	1/8" NPT	10-32			2/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030725	1/8" NPT	10-32			2/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030101	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030103	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030105	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030121	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030123	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030125	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030501	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030503	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030505	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030521	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030523	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030525	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030601	1/8" NPT	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030603	1/8" NPT	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030605	1/8" NPT	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC030621	1/8" NPT	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC030623	1/8" NPT	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC030625	1/8" NPT	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC032001	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC032003	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC032005	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz
NVC032021	10-32	10-32	10-32		3/2 Normally Closed	Detented Toggle/Toggle	6 oz	11 oz
NVC032023	10-32	10-32	10-32		3/2 Normally Closed	Toggle/Spring	6 oz	11 oz
NVC032025	10-32	10-32	10-32		3/2 Normally Closed	Push Button/Spring	29 oz	51 oz

## Dimensions

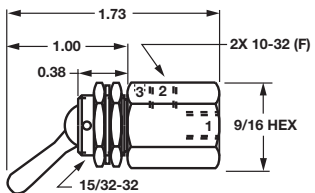
### Standard



**NVC030101 NVC030103**  
**NVC030201 NVC030203**

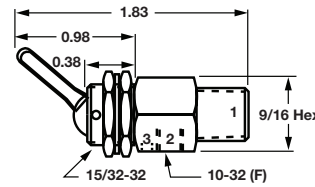


**NVC030105 NVC030125**  
**NVC030205 NVC030225**

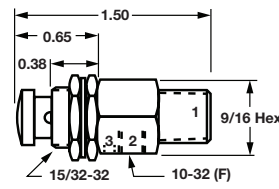


**NVC030121 NVC030123**  
**NVC030221 NVC030223**

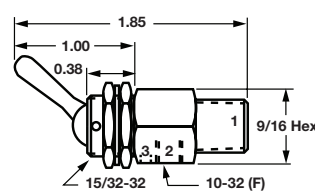
### 1/8 NPT Input



**NVC030601 NVC030603**  
**NVC030701 NVC030703**

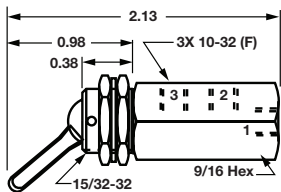


**NVC030605 NVC030625**  
**NVC030705 NVC030725**

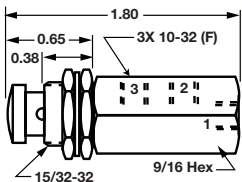


**NVC030621 NVC030623**  
**NVC030721 NVC030723**

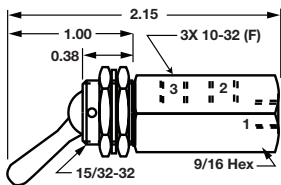
### Fully Ported



**NVC030501 NVC030503**

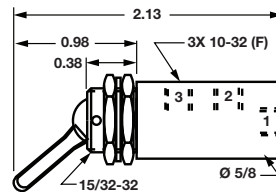


**NVC030505 NVC030525**

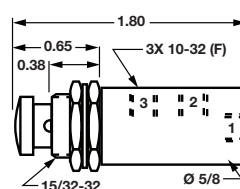


**NVC030521 NVC030523**

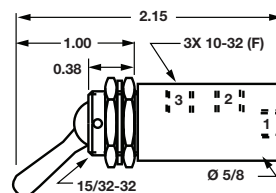
### Fully Ported - Stainless Steel



⌘ **NVC032001**  
⌘ **NVC032003**



⌘ **NVC032005**  
⌘ **NVC032025**



⌘ **NVC032021**  
⌘ **NVC032023**

### Warning

Improper selection, misuse, age or malfunction of components used in systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

### Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.

**Proposition 65:** These products may contain chemicals known to the state of California to cause cancer, or birth defects, or other reproductive harm.