

- > **Miniature size allows for easy instation 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:

0 to 125 psi

Operating Temperature

-20°F to 160°F

Materials:

Aluminum Anodized or 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:

Cv = 0.23 Ports 1-2

Cv = 0.29 Ports 2-3

Option selector

NVA11-20-14

| Actuator | Substitute | Output Port 2 | Substitute |
|------------------|------------|----------------------|------------|
| Push Button | A | 1/8" NPT (F) | 4 |
| Momentary Toggle | F | 1/4" PIF | 6 |
| Detented Toggle | H | | |
| Series | Substitute | Input Port 1 | Substitute |
| 11 series | 11 | 1/8" NPT / 10-32 (F) | 1 |
| | | 1/8" NPT (F) | 4 |
| | | 1/4" PIF | 6 |
| Function | Substitute | Position One | Substitute |
| 2-way | 2 | Normally Closed | 0 |
| 3-way | 3 | | |

Technical data

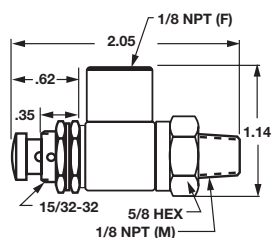
| Model Number | Inlet Port Size Port 1 | Outlet Ports Size Port 2 & 3* | Function | Actuation | Actuation Force | |
|--------------|---------------------------|----------------------------------|---------------------|------------------------|-----------------|------------|
| | | | | | At 50 psi | At 125 psi |
| NVA11-20-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-20-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-20-44 | 1/8"NPT (F) | 1/8"NPT (F) | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-20-46 | 1/8"NPT (F) | 1/4" PIF | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-20-64 | 1/4" PIF | 1/8"NPT (F) | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-20-66 | 1/4" PIF | 1/4" PIF | 2/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVH11-20-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-20-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-20-44 | 1/8"NPT (F) | 1/8"NPT (F) | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-20-46 | 1/8"NPT (F) | 1/4" PIF | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-20-64 | 1/4" PIF | 1/8"NPT (F) | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-20-66 | 1/4" PIF | 1/4" PIF | 2/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVF11-20-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-20-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-20-44 | 1/8"NPT (F) | 1/8"NPT (F) | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-20-46 | 1/8"NPT (F) | 1/4" PIF | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-20-64 | 1/4" PIF | 1/8"NPT (F) | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-20-66 | 1/4" PIF | 1/4" PIF | 2/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVA11-30-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-30-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-30-44 | 1/8"NPT (F) | 1/8"NPT (F) | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-30-46 | 1/8"NPT (F) | 1/4" PIF | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-30-64 | 1/4" PIF | 1/8"NPT (F) | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVA11-30-66 | 1/4" PIF | 1/4" PIF | 3/2 Normally Closed | Push Button/Spring | 3-1/2 lbs | 7 lbs |
| NVH11-30-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-30-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-30-44 | 1/8"NPT (F) | 1/8"NPT (F) | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-30-46 | 1/8"NPT (F) | 1/4" PIF | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-30-64 | 1/4" PIF | 1/8"NPT (F) | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVH11-30-66 | 1/4" PIF | 1/4" PIF | 3/2 Normally Closed | Detented Toggle/Toggle | 8 oz | 14 oz |
| NVF11-30-14 | 1/8" NPT / 10-32 (F) | 1/8"NPT (F) | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-30-16 | 1/8" NPT / 10-32 (F) | 1/4" PIF | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-30-44 | 1/8"NPT (F) | 1/8"NPT (F) | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-30-46 | 1/8"NPT (F) | 1/4" PIF | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-30-64 | 1/4" PIF | 1/8"NPT (F) | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |
| NVF11-30-66 | 1/4" PIF | 1/4" PIF | 3/2 Normally Closed | Toggle/Spring | 8 oz | 14 oz |

*Port 3 vents to atmosphere

Dimensions

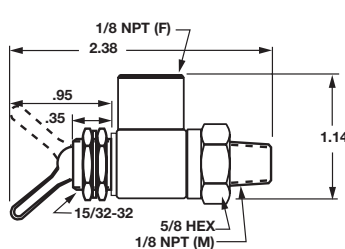
Push Button Actuator

"-14" Porting



Toggle Actuator

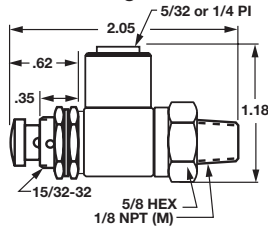
"-14" Porting



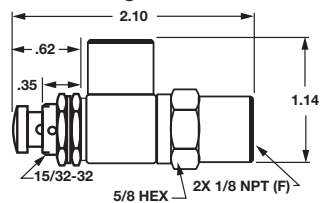
Dimensions

Push Button Actuator

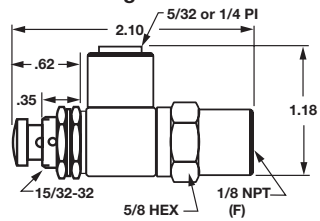
"-16" Porting



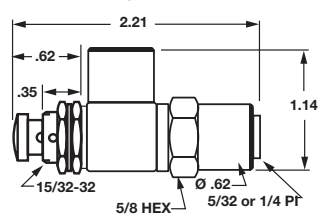
"-44" Porting



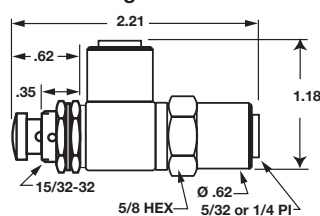
"-46" Porting



"-64" Porting

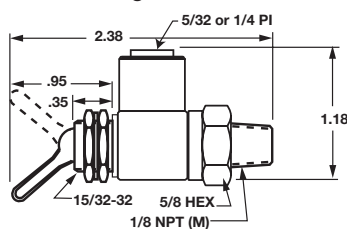


"-66" Porting

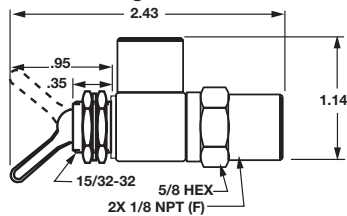


Toggle Actuator

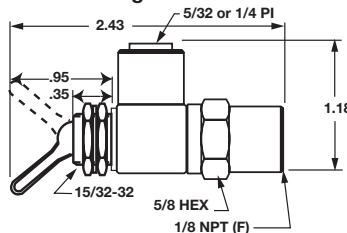
"-16" Porting



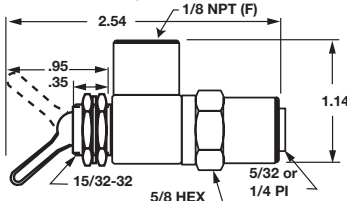
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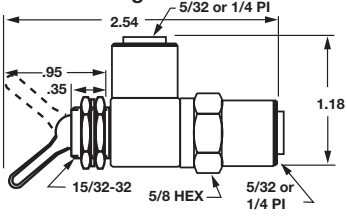
"-46" Porting



"-64" Porting



"-66" Porting



When design makes a dimension critical- contact factory for confirmation.

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.