

# Norgren Pneumatic Valve Products



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# Norgren Valve Products



### Nugget 30

**Port Size:** Port fittings in 5/32", 1/4", 4 mm, or 6 mm  
**Flow:** Cv of .27  
**Valve Type:** 5-port/2-position and 5-port/3-position  
**Electrical Connections:** 25-pin D connector and plug-in wireway, or pinch plugs with leads  
**Subbase Mounting:** lightweight plastic manifold subbase with plug-on common wireway and 25-pin D connector provides up to 24 stations, or Aluminum fixed length 10-32 UNF ported subbase (1 to 12 stations).  
**Operator Types:** Solenoid pilot  
**Fieldbus Compatible**



### Super X Valves

**Port Size:** 1/8" and 1/4" NPT  
**Flow:** 1/8" (Cv of .34), 1/4" (Cv of .98)  
**Valve Type:** 3-port/2-position, 5-port/2-position, and 5-port/3-position  
**Mounting Options:** Two through holes for wall or control cabinet mounting. Many operators are available for panel mounting.  
**Operator Types:** Manual or mechanical



### Nugget 40

**Port Size:** Inline ports - 10-32 UNF  
 Subbase ports - 1/8" NPT  
 Endplate ports - 1/4" NPT (inlet), 1/8" NPT (exhaust)  
**Flow:** Inline - Cv of .26, subbase Cv of .41  
**Valve Type:** 3-port/2-position, 5-port/2-position, and 5-port/3-position  
**Mounting Options:** Inline, inline on a fixed length manifold, inline modular, single subbase valve, and subbase-modular manifolds  
**Electrical Connections:** 25-pin D connector, or 1" conduit electrical connection  
**Operator Types:** Solenoid pilot or air pilot  
**Fieldbus Compatible**



### Nugget 70

**Port Size:** 1/8" NPT, or ISO G  
**Flow:** 3/2 and 5/2 Cv of 0.76, 5/3 Cv of 0.67  
**Valve Type:** 3-port/2-position, 5-port/2-position, and 5-port/3-position  
**Mounting Options:** Two through holes for wall or control cabinet mounting  
**Operator Types:** Solenoid pilot or air pilot  
**Electrical Connections:** DIN 43650 Table "C"



### Nugget 120

**Port Size:** Inline ports - 1/4" NPT  
 Subbase ports - 1/4" NPT  
 Subbase endplates - 3/8" NPT (inlet), 1/4" (exhaust)  
**Flow:** 3/2 and 5/2 Cv of 1.17, 5/3 Cv of 0.79  
**Valve Type:** 3-port/2-position, 5-port/2-position, and 5-port/3-position  
**Mounting Options:** Inline - through holes in valve bodies  
 Subbase valve - through holes to subbase and manifold  
 Manifold mounted - through holes in end plate or to a 35 mm DIN rail  
**Operator Types:** Solenoid pilot or air pilot  
**Electrical Connections:** 25-pin D connector, or 1" conduit electrical connection  
**Fieldbus Compatible**

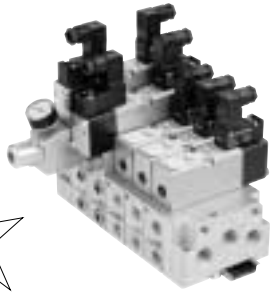


### Nugget 200

**Port Size:** 1/4", 3/8", or 1/2" NPT or ISO G  
**Flow:** Cv of 1.6  
**Valve Type:** 3-port/2-position\*, 5-port/2-position, and 5-port/3-position  
**Mounting Options:** Inline valves, stacking valve assembly, stacking valve assembly with junction box, or inline fixed length manifold.  
**Operator Types:** Solenoid pilot, air pilot, manual, or mechanical  
**Electrical Connections:** DIN 43650 Table "B", 1/2" NPT conduit connector, or 1" conduit (junction box)  
 \*Not available in 1/2" ports



# Norgren Valve Products



## Mini ISO Star Valves

**Port Size:** ISO 15407-1/VDMA 24 563, 26 mm

**Flow:** Cv of 0.92, 1.22, 1.17

**Valve Type:** 5-port/2-position and 5-port/3-position

**Mounting Options:** Subbase

**Operator Types:** Solenoid pilot, or air pilot

**Electrical Connections:** Cable grip standard. Optional: electrical connectors are cable grip with indicator light, a 1/2" NPT conduit connector, 10-foot molded cable, and 10-foot molded cable with surge suppression, reverse polarity protection, and indicator light.



## ISO Star Valves

**Port Size:** 1/4" (size 1), 3/8" (size 2), 1/2" (size 3), NPT or ISO G

**Flow:** Cv of 1.2, 2.4, 4.0

**Valve Type:** 5-port/2-position and 5-port/3-position

**Mounting Options:** single subbase, or manifolding subbase

**Operator Types:** Solenoid pilot, or air pilot

**Electrical Connections:** Cable grip standard. Optional: electrical connectors are cable grip with indicator light, a 1/2" NPT conduit connector, 10-foot, three-conductor molded cable, and 10-foot, three-conductor molded cable with surge suppression, reverse polarity protection, and indicator light.



## Nugget 500

**Port Size:** 3/8", or 1/2" NPT or ISO G, and 3/4" ports NPT (inline valves only)

**Flow:** Cv of 5.0

**Valve Type:** 5-port/2-position and 5-port/3-position

**Mounting Options:** Inline have two sets of mounting holes through the body. Fixed length manifolds, single subbase, and subbase valves attached to a manifolding subbase.

**Operator Types:** Solenoid pilot or air pilot

**Electrical Connector Options:** cable grip with indicator light, a 1/2" NPT conduit connector and a 5-foot, three-conductor, molded cable connector with or without indicator light and surge suppression.



## Poppet Valves

**Port Size:** 1/4" through 2"

**Flow:** Cv of 2.1 to 49.5

**Valve Type:** 2-port/2-position, 3-port/2-position, 4-port/2-position, and 3-port/2-position multi-directional

**Mounting Options:** Inline or single subbase

**Operator Types:** Solenoid pilot, air pilot, manual, or mechanical

**Electrical Connector Options:** cable grip with indicator light, a 1/2" NPT conduit connector and a 5-foot, three-conductor, molded cable connector with or without indicator light and surge suppression.



## V20 & V22 and the New Fieldbus II

**Port Size:** 1/8" and 1/4" NPT or ISO G

**Flow:** Cv of 0.41 to 1.17

**Valve Type:** 5-port/2-position, 5-port/3-position, dual 3-port/2-position (in one body)

**Mounting options:** Modular manifold up to 20-stations

**Common Wireway Electrical Connections:** 25-pin 'D' sub connector and 1" NPT conduit


**Fieldbus I/O capability:** 128 I/O per node

**Fieldbus Protocols:** DeviceNet, Profibus-DP, Interbus-S, CANOpen, and AS-Interface



***The 48 hour valve shipping program***

A selection of Nugget 70, 120, 200, and 500 inline valves has been chosen to be part of our 48 hour valve shipping program. These valves are guaranteed to ship within 2 working days after receipt of your order (or we pay the freight). Simply call your local distributor and request the 48 hour valve program.

Look for the  icon in this catalog (APC-102) designating the valves included in this program.



**Nugget 70**



**Nugget 120**



**Nugget 200**



**Nugget 500**