

## HOW TO ORDER

This model number is a coded number which describes all available options.

**NVSA 4 2 1 4 - 00 A M**

### Type of Actuation

- Single Pilot, Spring return
- Double Pilot, detented
- Double Pilot, spring centered  
(all ports blocked in neutral)
- Double Pilot, spring centered  
(cyl. ports open to exhaust in neutral)
- Double Pilot, spring offset

### Optional

- M = Interface Speed Control
- V1 = Red Pilot Indicator
- V2 = Green Pilot Indicator

### Optional Features

- A = Recessed non-locking operator, -pilot pressure, access through base of valve.
- B = No operator — Pilot pressure access through base of valve.
- N = Recessed non-locking operator, -"External" pilot connection.
- O = No operator — "External" pilot connection.

### Porting

- 0 = Indicates valve unit only — no base  
(Includes sub-plate gasket & hold down bolts)

### Use For Valve Type

**Valve & O A & B**

- 41 \*51 = Mounted on individual sub-plate — 1/4" NPT side ports (5) — dual exhaust
- 42 \*52 = Mounted on individual sub-plate — 1/4" NPT side ports (5) — Dual exhaust
- 43 \*53 = Mounted on individual sub-plate — 1/4" NPT side & bottom ports (10) — dual exhaust
- 44 \*54 = Mounted on individual sub-plate — 1/4" NPT bottom ports (5) — dual exhaust
- 45 \*55 = Mounted on individual sub-plate — 1/4" NPT side ports (5) — dual exhaust
- 11 \*12 = Mounted on stacking manifold block 1/4" NPT side ports (2)
- 13 \*14 = Mounted on stacking manifold block 1/4" NPT side & bottom ports (4)
- 15 \*16 = Mounted on stacking manifold block 1/4" NPT side (2) & bottom (5) ports

\*These manifolds & sub-plates incorporate 1/8" NPT "pilot pressure" ports for supplying "internal" pilot pressure to the valves.  
\*Type A and B valves only

### To Specify "Factory Built" Valve/Manifold Assembly:

1. Establish the number of stations required.
2. Select the type of valve required on each station.
3. Choose Manifold Block desired. e.g. #12, #14 or #16.
4. To specify a valve mounted on a manifold block —  
Insert manifold number into valve number  
i.e. NVSA 4114-11N is a NVSA 4114-00N valve mounted on a #11 block.

### To Order "Factory Built" Valve/Manifold Assembly:

**EXAMPLE** 1 Pce. Four Station Manifold Ass'y comprising:  
Station 1. NVSA 4114-12A  
Station 2. NVSA 4114-14A  
Station 3. NVSA 4214-12A  
(3) Blocking Discs in P, EA & EB galleries.  
Station 4. #16 Manifold Block & Blank Station Kit  
1. ME 401LR-4 Assembly Kit

## SUBPLATES AND MANIFOLDS

To order valves mounted on subplates or manifolds, insert "XX" into Valve No.)  
Example: NVSA 4114-XXA

### Subplates (N & O Type Valve)

PART NO.	PORTING	(No. of Ports)	"XX"
SP 0111	1/4" NPTF Side	(5)	41
SP 0112	1/4" NPTF Side	(5)	42
SP 0113	1/4" NPTF Side (5), 1/8" NPTF Bottom	(5)	43
SP 0114	1/4" NPTF Bottom	(5)	44
SP 0115	1/4" NPTF Side	(5)	45

### Subplates (A & B Type Valve 1/4" NPTF Pilot Ports)

PART NO.	PORTING	(No. of Ports)	"XX"
SPA 0111	1/4" NPTF Side	(5)	51
SPA 0112	1/4" NPTF Side	(5)	52
SPA 0113	1/4" NPTF Side (5), 1/8" NPTF Bottom	(5)	53
SPA 0114	1/4" NPTF Bottom	(5)	54
SPA 0115	1/4" NPTF Side	(5)	55

### MANIFOLDS

PART NO.	PORTING	(No. of Ports)	"XX"
MBA 4010-02	1/4" Side	(2)	12
MBA 4011-02	1/4" Side, 1/4" Bottom A & B	(4)	14
MBA 4210-02	1/4" Side (2), 1/4" Bottom	(5)	16

### ACCESSORIES

PART NUMBER	DESCRIPTION	PCS. REQ.
ME 401 LR	Left & Right End Plates Includes (3) O-Rings ARP 565-015 (1) Plug AXT 336-9	1 Pr.
ME 401 SLR	Left & Right End Plates - Short w/o Conduit NPT Threads. Includes (3) O-Rings ARP 568-015	1 Pr.
AXT 336-5 *	Tierods - Includes (2) M6X25 Screws Per Rod	2 Req.
AXT 336-4 *	Conduit Cover - Includes (4) 8.32 x 1/2" screws. Note: Not required if using ME401SLR End Plates.	1
AXT 336-6	Gallery Blocking Disc.	—
AXT 336-7A	Blank Station Kit	—
AXT 337-4	Right - Pilot Air Gasket	—
AXT 337-5	Left - Pilot Air Gasket	—
ARP 568-015	(3) Manifold O-Ring	—

\*ADD No. of Stations