

OBSOLETE DOCUMENT
 Technical Reference Only



SELECTOR VALVES



10 POSITION 2 WAY
 2 AND 3 POSITION 3 WAY

DESCRIPTION

10 POSITION UNITS

The NORGREN/Fluidics ten position selector valves are versatile manual input units for both fluidic and miniature pneumatic control systems. All ten position types are two-way valves with 10-32 U.N.F. Ports. They mount in standard 1.3/16" knockouts. Connectors for 1/16" i.d. flexible tubing are supplied. Index Ring provided for indexing valve in panel. An adjustable stop feature is provided to enable selection to be limited to a restricted number of ports. This is achieved by fitting two pins on the underside of the knob and a third reference pin on the top of the valve body. The pins are provided loose with each unit.

Typical applications for these valves will include counter output selection, complex programming functions for digital control systems, high and low pressure monitoring in pneumatic systems and other multi-position selection functions. When used in conjunction with other NORGREN/Fluidics products applications are virtually unlimited.

The valve connects a common port to whichever peripheral port is selected. All unselected ports are

blocked. Dual stacked model incorporates two identical and separate ten position selectors on a common shaft.

2 AND 3 POSITION UNITS

The NORGREN/Fluidics two and three position selector valves are designed for industrial applications where the sophisticated capability of the ten position units is not required. Both of these valves are the three-way type with 10-32 U.N.F. Ports. They mount in the standard 1.3/16" panel knockout. Connectors for 1/16" i.d. flexible tubing are supplied.

Most applications for these valves are as function selectors in fluidic or pneumatic circuits. Typical functions are, ON-OFF, LEFT-RIGHT-BOTH, OFF-MANUAL-AUTO, and so forth. Many other applications will suggest themselves as problems arise.

Ports unselected vent to atmosphere.

SPECIFICATIONS

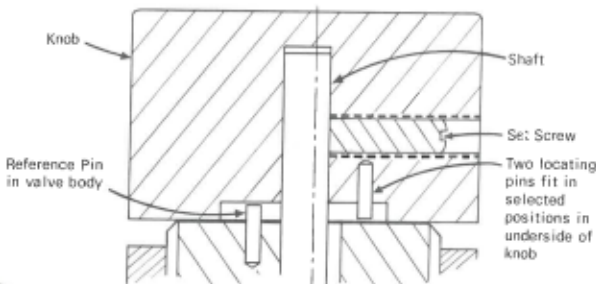
Operating Pressure Range	0-125 psig (0-8.62 bar)
Minimum Operating Temperature	35°F (2°C)
Maximum Operating Temperature	150°F (65°C)
Equivalent Orifice	0.050" Dia. (1.27 mm)
Recommended Filtration	25 Micron
Flow Capacity 10 psi (0.7 bar) differential	0.75 cfm (0.37 dm ³ /s)

HOW TO ORDER

Specify type number required:

Type 5CV-020-D00	2 Position 3 Way
Type 5CV-021-D00	3 Position 3 Way
Type 5CV-010-000	10 Position 2 Way
Type 5CV-011-000	10 Position 2 Way
Type 5CV-012-000	10 Position 2 Way

Best Parts
RAB-P.
304L STACK



ADJUSTABLE STOP FEATURE

NORGREN Fluidics