

Series 70 - Mechanically-Operated Valves



Part No. 7001000100U



Part No. 7001000200U



Part No. 7001000500U

Part No. 7001000700U



Part No. 7001000600U



Features

- Various actuator types to suit many applications
- 3-port (3-way), 2-position and 5-port (4-way), 2-position configurations

for many applications where electrical sensors are not wanted.

Metal Work Series 70 mechanically-operated valves are an excellent choice

• 1/8" NPT port sizes





See <u>www.AutomationDirect.com</u> for a wide variety of fitting options

Metal Work Series 70 - Mechanically-Operated Valves										
Model	<u>7001000100U</u>	<u>7001000110U</u>	7001000200U	<u>7001000210U</u>	7001000400 <u>U</u>	<u>7001000410U</u>	7001000500 <u>U</u>	7001000510 <u>U</u>		
Price	\$23.00	\$25.50	\$41.50	\$44.50	\$43.00	\$47.00	\$32.00	\$35.00		
Drawing Link	<u>PDF</u>	PDF	<u>PDF</u>	<u>PDF</u>	<u>PDF</u>	PDF	<u>PDF</u>	<u>PDF</u>		
Weight (lb)	0.2	0.27	0.29	0.35	0.32	0.38	0.32	0.38		
Manufacturer Specs	PDF	PDF	PDF	PDF	PDF	PDF	PDF	PDF		
Valve Type	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return		
Valve Configuration	N.C.	N/A	N.C.	N/A	N.C.	N/A	N.C.	N/A		
Operator	Plu	nger	Pilot-assisted plunger Pilot-assisted roller lever			d roller lever	Roller lever			
Acting	Spring return									
Inlet Port Size	1/8" FNPT									
Outlet Port Size	1/8" FNPT									
Flow (Cv)	0.55									
Media	Filtered air without lubrication; lubrication, if used, must be continuous									
Pressure Range	Vacuum	to 145 psi	36.3 to 145 psi				Vacuum to 145 psi			
Temperature	14°F to 140°F (-10°C to 60°C)									
Lubrication	ISO and UNI FD 22									
Life Cycle	2 million cycles									

For additional details see manfacturer's technical specifications, manuals and inserts (where applicable).



Series 70 - Mechanically-Operated Valves

Metal Work Series 70 - Mechanically-Operated Valves										
Model	7001000600U	7001000610U	7001000700U	7001000710U	7001000900U	7001000910U				
Price	\$32.50	\$35.00	\$56.00	\$59.00	\$57.00	\$60.00				
Drawing Link	PDF	PDF	PDF	PDF	PDF	PDF				
Weight (lb)	0.34	0.4	0.34	0.44		0.54				
Manufacturer Specs	PDF	PDF	PDF	PDF	PDF	PDF				
Valve Type	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return	3-port (3-way), spring return	5-port (4-way), 2-position, spring return	3-port (3-way), 2-position, spring return	5-port (4-way), 2-position, spring return				
Valve Configuation	N.C.	N/A	N.C.	N/A	N.C.	N/A				
Operator	Unidirection	al roller lever	Pilot-assis	ted whisker	Pilot-assisted adjustable roller lever					
Acting	Spring return									
Inlet Port Size	1/8" FNPT									
Outlet Port Size	1/8" FNPT									
Flow (Cv)	0.55									
Media	Filtered air without lubrication; lubrication, if used, must be continuous									
Pressure Range	Vacuum	to 145 psi	36.3 to 145 psi		Vacuum to 145 psi					
Temperature	14°F to 140°F (-10°C to 60°C)									
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Series 70 - Valve Components

Metal Work Series 70 valves is one of the most popular lines of valves produced in Italy by Metal Work. They feature heavy duty construction and many options to choose from.

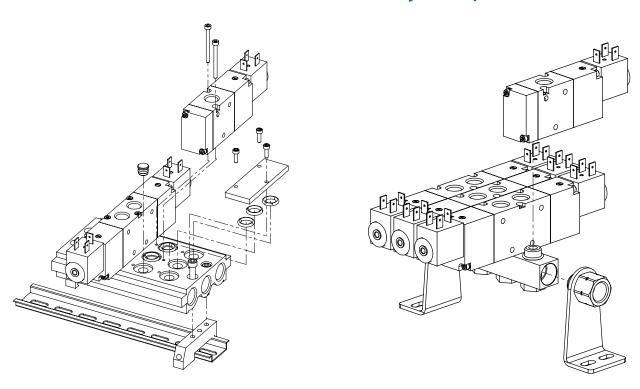
Features

- Most styles available in four sizes
- 3-port (3-way) and 5-port (4-way) body-ported valves
- 2-position and 3-position operation
- Manual, mechanically operated, air pilot and solenoid valves



Scan or click the above QR code for the Metal Work Series 70 Instructions Insert

Valve Base Assembly Examples



- A. VALVE BODY: Aluminum
- B. CONTROL/END CAP: Plastic
- C. SPOOL: chemically Nickel-plated aluminum
- D. SPOOL GUIDES: Plastic
- E. GASKETS: NBR
- F. PISTONS: Hostaform®
- G. PISTON GASKET: NBR
- H. FILTER: Sintered bronze
- I. SPRINGS: Spring steel
- J. OPERATOR: Brass pipe Stainless steel core

