

# INDUSTRIAL PNEUMATICS - valves

## Series 70 - solenoid control



### SOV distribution valve - solenoid

**Type:** 3/2, 5/2, 5/3  
**Size:** 1/8", 1/4", 1/2"  
**Working press.:** Up to 10 bar  
**Working temp.:** From -10°C up to +60°C  
**Connection:** 1/8", 1/4", 1/2" BSP thread  
**Voltage:** 12 V / 24 V / 110 V / 220 V  
**Flow rate:** 550 l/min - 1/8"  
 1100 l/min - 1/4"  
 4600 l/min - 1/2"  
 (input pressure 6 bar and  $\Delta p = 1$  bar)

**Material:** Valve body made of aluminium, spool of nickel-plated aluminium, seal of NBR and cover of Hostaform®.  
**Description:** General purpose valves with electric control (solenoid valves), used mostly to control actuators. Can be mounted in line, to the wall, directly to actuators or on manifold base.

SOV	2	3	SO	S	NC
series	size	function	controlling(14)	return (12)	further details
SOV - solenoid valve	2 - 1/8" 3 - 1/4" 4 - 1/2"	3 - 3/2 5 - 5/2 6 - 5/3	SO - solenoid SE - solenoid assisted	S - mechanical springs B - bi-stable D - differential P - pneumatic A - pneumatic / mechanical spring	NC - normally closed NO - normally opened OO - 3/2 bi-stable or 5/2 CC - closed outlets OC - deaerated outlets PC - aerated outlets

1/8"		1/4"		1/2"		function and symbol
code	type	code	type	code	type	
MW-7010020100	SOV 23 SOB OO	MW-7020020100	SOV 33 SOB OO	MW-7030020100	SOV 43 SOB OO	3/2
MW-7010020200	SOV 23 SOS NC	MW-7020020200	SOV 33 SOS NC	MW-7030020200	SOV 43 SOS NC	
MW-7010020300	SOV 23 SEB OO	MW-7020020300	SOV 33 SEB OO	MW-7030020300	SOV 43 SEB OO	
MW-7010020400	SOV 23 SOS NO	MW-7020020400	SOV 33 SOS NO	MW-7030020400	SOV 43 SOS NO	
MW-7010020500	SOV 23 SES NC	MW-7020020500	SOV 33 SES NC	MW-7030020500	SOV 43 SES NC	
MW-7010021100	SOV 25 SOS OO	MW-7020021100	SOV 35 SOS OO	MW-7030021100	SOV 45 SOS OO	5/2
MW-7010021200	SOV 25 SOB OO	MW-7020021200	SOV 35 SOB OO	MW-7030021200	SOV 45 SOB OO	
MW-7010021300	SOV 25 SOD OO	MW-7020021300	SOV 35 SOD OO	MW-7030021300	SOV 45 SOD OO	
MW-7010021500	SOV 25 SES OO	MW-7020021500	SOV 35 SES OO	MW-7030021500	SOV 45 SES OO	
MW-7010021600	SOV 25 SEB OO	MW-7020021600	SOV 35 SEB OO	MW-7030021600	SOV 45 SEB OO	
MW-7010022100	SOV 26 SOS CC	MW-7020022100	SOV 36 SOS CC	MW-7030022100	SOV 46 SOS CC	5/3
MW-7010022200	SOV 26 SOS OC	MW-7020022200	SOV 36 SOS OC	MW-7030022200	SOV 46 SOS OC	
MW-7010022300	SOV 26 SOS PC	MW-7020022300	SOV 36 SOS PC	MW-7030022300	SOV 46 SOS PC	
MW-7010022400	SOV 26 SES CC	MW-7020022400	SOV 36 SES CC	MW-7030022400	SOV 46 SES CC	
MW-7010022500	SOV 26 SES OC	MW-7020022500	SOV 36 SES OC	MW-7030022500	SOV 46 SES OC	
MW-7010022600	SOV 26 SES PC	MW-7020022600	SOV 36 SES PC	MW-7030022600	SOV 46 SES PC	