



Specification Sheet

Solenoid Operated Valves 4-Way 5 Port 2-Position, Single Solenoid, 12-Volt DC

Performance Data

Temperature Range	Media
20° to 120° F	Compatible w/ seals

Product Number	Operating Pressure (psi)	Series	Cv	Flow (scfm)		Fill sec/in ³ 0-90 psi	Exhaust sec/in ³ 100-10 psi	Actuating Pressure (min. psi)
				50 psi	Max. psi			
S20U42-SS-12-0	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S20M42-SS-12-0	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S22U42-SS-12-0	10 -125	"22"	.43	17	40	0.008	0.018	10
S20U42-SS-12-2	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S20M42-SS-12-2	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S22U42-SS-12-2	10 -125	"22"	.43	17	40	0.008	0.018	10
S20U42-SS-12-3	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S20M42-SS-12-3	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S22U42-SS-12-3	10 -125	"22"	.43	17	40	0.008	0.018	10
S20U42-SS-12-4	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S20M42-SS-12-4	0 -125	"20"	.15	5.8	12.1	.02	.05	15
S22U42-SS-12-4	10 -125	"22"	.43	17	40	0.008	0.018	10

When design makes data critical- contact factory for confirmation. All published information is based on usual manufacturing standards and product applications and is for general reference purposes. Supplied information is in no way a representation of a warranty for product.

Electrical Performance Data

	Voltage Tolerance	Response Time Energize	Response Time De-Energize	Copper Wire Insulation Class
15 mm	-5% to 10%	10 ms	12 ms	F 311°F (155°C)

Materials

"20" Series

Solenoid: Glass Filled Nylon Body, Buna-N Seals, Stainless Steel Springs, Copper Wire Coil
Valve Body: Anodized Aluminum Body, Buna-N Seals, Stainless Steel Spring, PTFE Aluminum Spool

"22" Series

Solenoid: Glass Filled Nylon Body, Buna-N Seals, Stainless Steel Springs, Copper Wire Coil
Valve Body: Anodized Aluminum Body, Buna-N Seals, Stainless Steel Spring, PTFE Aluminum Spool