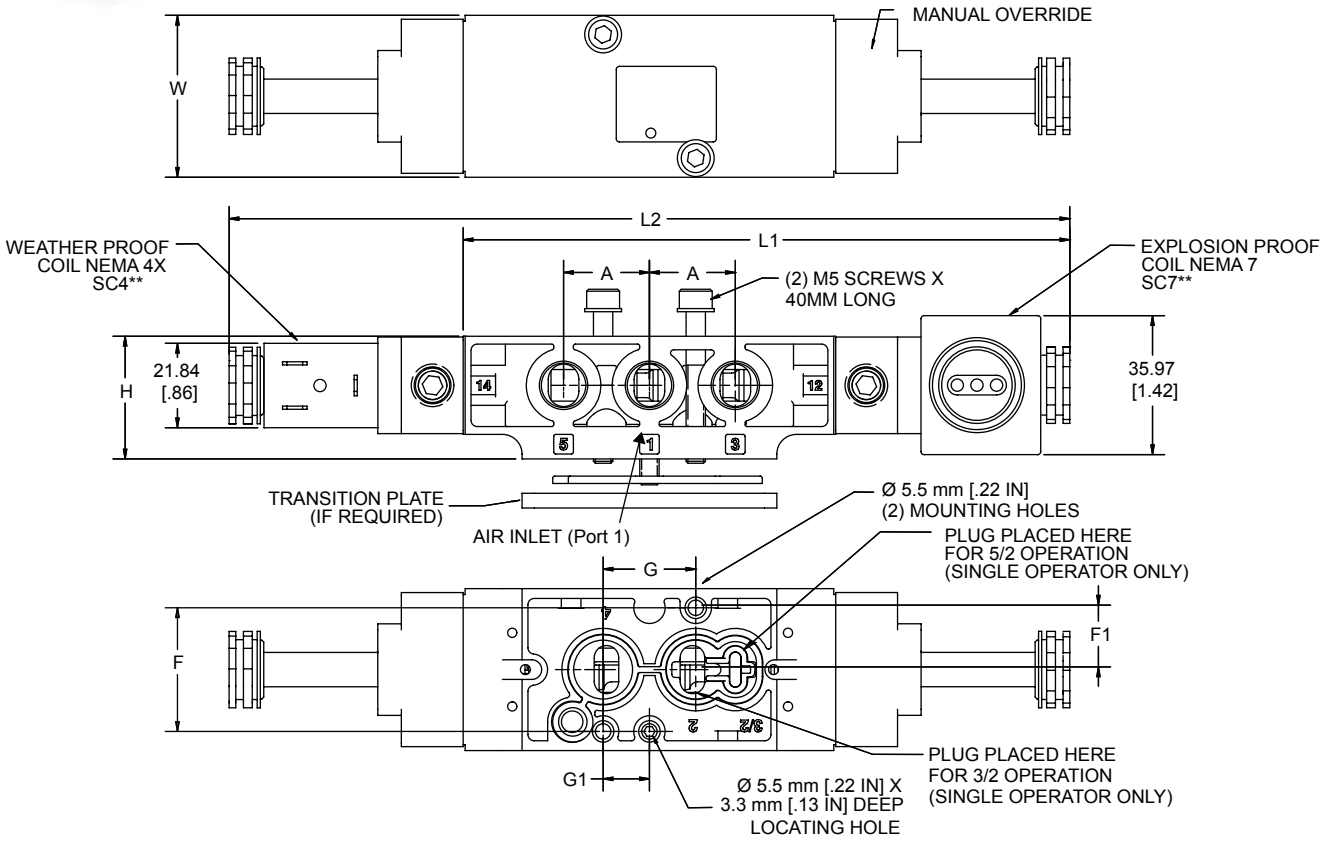
Solenoids

- Aluminum body
- NBR seals
- Manual override
- High flow: 1.8 CV
- 1/2″ conduit connection to coil
- 1/4″ port size
- Body can be converted between 5/2 (double acting) and 3/2 (spring return)
- Coils and flange tubes are rated to CSA/UL
- Same body accepts NEMA 4, NEMA 7, and ATEX coils
- Voltage options available upon request



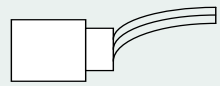
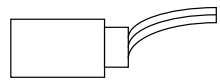
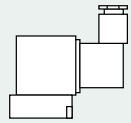
Setup	Unit	A	C	F	F1	G	G1	H	L1	L2	W
Single	in	0.88	0.75	1.25	0.63	0.94	0.47	1.25	6.15	-	1.65
	mm	22.2	19.1	32.0	16.0	23.9	11.9	31.7	157		41.9
Double	in	0.88	0.75	1.25	0.63	0.94	0.47	1.25	-	8.55	1.65
	mm	22.2	19.1	32.0	16.0	23.9	11.9	31.7		217	41.9

Connectors (Not polarity dependent)

DIN 43650 Industrial Form B						
	Maximum Cable Diameter: 9mm (0.35″)					
Type	Strain Relief without Cord	Strain Relief with Light		1/2″ Conduit without Cord	Strain Relief with Light & 6′ Cord	
		100-240 AC 48-120 DC	6-48 AC/DC		100-240 AC 48-120 DC	6-48 AC/DC
Part Number	SR7020-001	SRL7020-AA	SRL7020-DB	DIN PLUG	SRLC-7094-006	SRLC-7094-007

Solenoids Electrical Information

Coil Part Numbers

Coil Part Number **=Voltage	Description		Operator Type	Instructions	Lb
SC4**	**Weather-Proof** DIN 43650 Industrial Form B Connection NEMA 4X		W	Order coil separately (specify voltage code from below)	0.12
SC4**C SC4**CT (high temp 82°C max)	**Weather-Proof** 1/2" Conduit with 30" Leads NEMA 4X		W	Order coil separately (specify voltage code from below)	0.12
SC7**	**Explosion-Proof** 1/2" Conduit with 24" Leads CSA & FM Approved CL. I; Zone1 Ex m II T4; AEx m II CL. I; Div.1; GR. A, B, C, D CL. II; GR. E, F, G CL. III T4 Ta=-20°C to +60°C NEMA 4, 4X, 7C, 7D, 9		W	Order coil separately (specify voltage code from below)	0.44
SCI2D	**Intrinsically-Safe** Strain Relief Ex ia CL. I; GR. A,B,C,D CL. II; GR.E,F,G CL. III; Div.1; T5		V	Coil and Connector included with valve (24VDC only) **SCI2D Must be Used with an Intrinsically-Safe Barrier**	0.46

Voltage Codes

Lower Wattage available, upon request

** Code	Operator Type	Current (Amps) Inrush W		Inrush V	Inrush Z	Holding W		Holding V	Holding Z	Resistance (OHMS @ 25°C) W		Resistance V	Resistance Z	Power (AC=VA, DC=Watts) W		Power V	Power Z
	Voltage	NEMA		ATEX		NEMA		ATEX		NEMA		ATEX		NEMA		ATEX	
	+/-10%	4, 4x	7, 9	Ex ia	Ex m	4, 4x	7, 9	Ex ia	Ex m	4, 4x	7, 9	Ex ia	Ex m	4, 4x	7, 9	Ex ia	Ex m
2A	22/50 24/60	.36	-	-	-	.24	-	-	-	32	-	-	-	6.9	-	-	-
12	120/50 120/60	.08	.10	-	.04	.05	.05	-	.03	840	530	-	1164	6.9	6.5	-	3.4
22	230/50 230/60	.04	.05	-	.02	.03	.03	-	.01	3310	2345	-	6730	6.4	6.8	-	3.3
1D	12 VDC	.38	.38	-	.27	.38	.38	-	.27	32	32	-	45	4.8	4.5	-	3.5
2D	24 VDC	.20	.19	.05	.14	.20	.19	.05	.14	121	128	275	177	4.8	4.5	1.6	3.5

Fig: X2003AAWR-I-2D
Description: Coil Right - Intrinsically Safe - 24 VCD

Solenoids Part Number Chart

Body		NEMA CLASS		Voltage	
S2003ACWR	COIL LEFT FOR SPNII AND OTHER ACTUATORS THAT REQUIRE AIR TO COME IN ON THE LEFT IN SPRING RETURN MODE	4	4 = NEMA 4X	12	12 = 120 VAC
		7	7 = NEMA 7/9	22	22 = 240 VAC
		I	I = INTRINSICALLY SAFE - 24VDC ONLY	2A	2A = 24 VAC
X2003AAWR	COIL RIGHT FOR X AND OTHER ACTUATORS THAT REQUIRE AIR TO COME IN ON THE RIGHT IN SPRING RETURN MODE			1D	1D = 12 VDC
				2D	2D = 24 VDC