

Scott Edwards Electronics, Inc.

Serial Servo Controller Module

- Controls 8 pulse-proportional servos
- Receives serially at 2400 or 9600 baud
- Module is addressable, allowing two units to share the same line to control a total of 16 servos
- Connections to serial input can be established using a modular jack (P/N 115554, pg 62) or modular adapter from DB9 to RJ11 (P/N 114738, pg 62)
- Size (PCB): 1.9"L x 1.4"W • One-year warranty



Part No.	Description	1	5
151001	Mini SSC II	\$43.95	\$41.75

Continuous Rotation Servos

Controlled easily from a BASIC Stamp or SX chip I/O pin using PBASICs or SX/B's PULSOUT commands

- 4-6VDC @ ~190mA
- 2110692/283021: PARALAX 283039
Holds position over 180° range; standard servo
- 283039: Bi-directional continuous rotation and includes an adjustable potentiometer port to center the servo



Part No.	Mfr. Part No.	Size (L" x W" x H")	1	5
283021	900-00005	2.2 x 0.8 x 1.6	\$14.95	\$13.95
283039	900-00008	2.2 x 0.8 x 1.6	14.95	13.49
2110692	900-00014	0.9 x 0.37 x 0.61	19.95	17.95

Servo Motors and Accessories

- + pulse width 1500usec neutral control system
- Operating voltage range: 4.8V to 6V



*Web Code: SMA

Motors

Part No.	Mfr. Part No.	Oper. Speed (4.8V @ no load)	Stall Torque @ 4.8V (kg.cm)	Direction	Operating Angle	Current Drain (mA, idle/ mA no load)	Dimensions (L" x W" x H")	Pricing	
								1	5
358619	HS-805BB	.19sec/600	19.9	Clockwise	45°/one side pulse	8/700	2.6 x 1.2 x 1.3	\$59.95	\$56.95
395786	HS-422	.21sec/600	3.3	Clockwise	45°/one side pulse	8/150	1.6 x 0.8 x 1.4	19.95	18.95
395760	HS-322HD	.19sec/600	3.0	Clockwise	40°/one side pulse	7.4/160	2.1 x 0.8 x 1.4	12.95	11.49
358635	HS-311	.19sec/600	3.0	Clockwise	40°/one side pulse	7.4/160	1.5 x 0.8 x 1.1	16.95	15.95
166351	HS-755HB	.28sec/600	11.0	Clockwise	40°/one side pulse	8/230	2.3 x 1.1 x 2.0	44.95	42.95

Accessories

Part No.	Description	1	5
358811	Servo gripper, 1.3" opening (compatible with all servos above)	\$19.95	\$18.95
400400	Servo gearbox, 2:1 ratio, for use with P/N 358619	34.95	29.95
400418	Servo gearbox, 4:1 ratio, for use with P/N 358619	34.95	29.95
396279	3 color servo wire (red, black, yellow), 22-20, 50'	15.95	14.49

12VDC Solenoid Valve

- Current: 350mA
- Operating voltage: 12VDC
- Dimensions: 1.2"L x 0.92" Dia.
- Air leakage: 4psi, 1c.c./min. max.
- 0.250" quick disconnect terminals
- Operational temp.: -29°C to 85°C



*Web Code: MEJ

Part No.	Product No.	1	5	25
169835	TAV-0829-R	\$9.95	\$8.95	\$7.95

12VDC Power Solenoid

- 12VDC • 4Ω coil
- Handles a 225A load
- Intermittent 50% duty cycle
- 1/4-20 copper studs
- Contractors power solenoid
- 2.25" mounting centers
- Size: 1.86" x 3" base



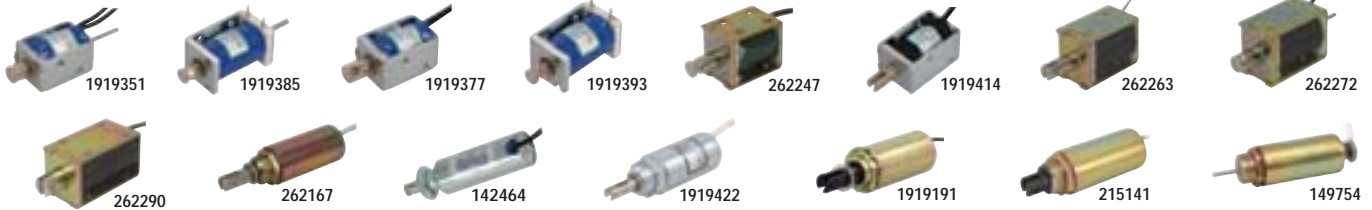
*Web Code: MEJ

Part No.	Product No.	1	5	25
1585645	93285	\$3.95	\$3.49	\$2.95

JAMECO ReliaPro

12VDC & 24VDC Continuous Push/Pull Solenoids

*Web Code: MEJ



Part No.	*Mfr.	Product No.	Type	Volt. (VDC)	Coil Res. (±10%) (Ω)	Power Consump. (W)	Holding Force (lbs. @20°C)	Stroke (in.)	Dimensions Length x Dia. (in.)†	Shaft Dia. (in.)	Wt. (lbs.)	Pricing		
												1	5	25
1919351	JRP	SMO-0415S12STD	Open frame-push	12	180	0.8	0.026	0.20	0.6 x 0.4 x 0.3	0.157	0.02	\$16.95	\$15.25	\$13.75
1919385	JRP	SMO-0420S12STD	Open frame-push	12	120	1.2	0.04	0.10	0.8 x 0.5 x 0.4	0.060	0.02	14.95	13.49	11.95
1919377	JRP	SMO-0415L12STD	Open frame-pull	12	120	1.2	0.04	0.10	0.8 x 0.5 x 0.4	0.157	0.02	9.95	8.95	7.95
1919393	JRP	SMO-0420L12STD	Open frame-pull	12	120	1.2	0.04	0.10	0.8 x 0.5 x 0.4	0.070	0.02	8.95	7.95	6.95
262247	JRP	SMO-0520L12STD	Open frame-pull	12	90	1.6	0.16	0.24	0.8 x 0.6 x 0.5	0.200	0.04	9.95	8.95	7.95
1919414	JRP	SMO-0630L12STD	Open frame-pull	12	60	2.4	0.187	0.10	1.2 x 0.8 x 0.6	0.060	0.10	14.95	13.49	11.95
262263	JRP	SMO-0837L12STD	Open frame-pull	12	36	4.0	1.10	0.24	1.5 x 1.0 x 0.8	0.310	0.21	10.95	9.95	8.75
262272	JRP	SMO-0837S12STD	Open frame-pull	12	36	4.0	1.10	0.24	1.5 x 1.0 x 0.8	0.08/0.31*	0.21	10.95	9.95	8.75
262290	JRP	SMO-1253L12AA	Open frame-pull	12	24	6.0	3.31	0.24	2.1 x 1.8 x 1.1	0.472	0.46	9.95	8.95	7.95
262167	JRP	SMT-1325L12STD	Tubular-pull	12	36	4.0	0.11	0.47	1.0 x 0.5	0.200	0.05	14.95	13.45	11.95
142464	JRP	SMT-1130L12A	Tubular-pull	12	36	4.0	0.63	0.40	1.6 x 0.4	0.150	0.04	12.95	11.49	9.95
1919422	JRP	SMT-1632L12STD	Tubular-pull	12	26.6	5.5	0.88	0.06	1.6 x 0.6	0.196	0.10	12.95	11.49	9.95
1919191	◆	121E18711	Tubular-pull	24	44	12.8	1.00	1.00	2.3 x 1.0	0.430	0.40	9.95	8.95	7.95
215141	JRP	SMT-2251L24AA	Tubular-pull	24	60	10.0	4.00	1.00	3.0 x 1.0	0.440	0.40	13.95	12.55	11.29
149754	JRP	SMT-1325S12A	Tubular-push	12	36	4.0	0.75	0.47	1.9 x 0.5	0.063	0.05	19.95	17.95	15.95
149762	JRP	SMT-1632S12A	Tubular-push	12	21	7.0	1.50	0.24	2.5 x 0.6	0.098	0.10	16.95	15.25	13.75
262175	JRP	SMT-2551S24STD	Tubular-push	24	57.6	10.0	1.43	0.71	2.0 x 1.0	0.118	0.38	14.95	13.49	11.95
262191	JRP	SMT-325S24STD	Tubular-push	24	44	13.0	6.80	0.70	2.3 x 1.3	0.160	0.65	23.95	21.49	18.95
262211	JRP	SMT-3864S24STD	Tubular-push	24	34	17.0	1.32	1.18	2.52 x 1.50	0.157	1.0	21.95	19.95	17.95
1919203	LEX	191172-001	Stroke-push	12	45	7.3	—	0.125	1.0 x 0.5	0.060	0.1	2.95	2.49	1.95

† Open frame type dimensions: L" x W" x H" * Dual shaft ◆ Blue Part No. = Limited Quantity Available

* JRP = Jameco ReliaPro | LEX = Ledex | ◆ Manufacturer Varies

RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 197.