



NOTES:

- 1.) COIL DATA:
 - a. 12V (9533-12)
4.55 OHMS ` 5%
NO POLARITY REQUIRED
LEAD WIRE:
10/30 STRANDED TINNED COPPER
UL STYLE 3239
125_C
CHAMPLAIN WIRE CL-1251
 - b. 24V (9533-24)
15.95 OHMS ` 5%
NO POLARITY REQUIRED
LEAD WIRE:
10/30 STRANDED TINNED COPPER
UL STYLE 3239
125_C
CHAMPLAIN WIRE CL-1251
- 2.) STROKE:
.750 ± .040 INCH
- 3.) AXIAL FORCE:
1.4 LBS. (± 30%) @ 0.01" DEFLECTION
3.5 LBS. (± 10%) @ 0.55" DEFLECTION
- 4.) LEAD WIRES:
6 INCHES LONG MIN.
COVERED IN SPLIT LOOM
- 5.) TERMINALS:
AMP P/N 2-520102-2 (OTHER TERMINALS POSSIBLE)
MATE TERMINALS:
P/N 2-520184-2 OR 3-350820-2
OTHER TERMINALS POSSIBLE
- 6.) SERIAL NUMBER:
ETCHED INTO HOUSING
- 7.) PRODUCT LABEL:
PGLLC PART NUMBER (9533-12 OR 9533-24)
CUSTOMER PART NUMBER (IF APPLICABLE)
DATE CODE
- 8.) MAXIMUM VOLTAGE REQUIRED TO OBTAIN FULL STROKE:
 - a. 12V
9V AT AMBIENT TEMPERATURE
 - b. 24V
18V AT AMBIENT TEMPERATURE

						TOLERANCES (UNLESS OTHERWISE SPECIFIED)				PART DESCRIPTION		
						.X	± .02	ALL DIMENSIONS IN INCHES		 Precision Governors, LLC 2322 Seventh Avenue, Rockford, IL 61104 phone: 815.229.5300 • fax: 815.229.5342 www.precisiongovernors.com ISO 9001 Certified	ACTUATOR SCX	
						.XX	± .01	THREAD	CLASS 2 - CHAMFER		PART NUMBER	
						.XXX	± .005	TOL.	FIRST THREAD 45°	PART NUMBER		
						.XXXX	± .0005	REMOVE ALL SHARP EDGES & BURRS		PART NUMBER		
						⊙	.0025 MAX			PART NUMBER		
						⊥	.010 MAX	FINISH	64 (OR BETTER)	PART NUMBER		
A	11/07/2011	NEW RELEASE	GK	JP	834	FRAC.	± 1/32	THIRD ANGLE	 PROJECTION	SIZE	DRAWN BY	PART NUMBER
REV	DATE	DESCRIPTION	BY	APRVD	ECN#	DEG.	± 1/2 (30°)	SCALE		DATE	MATERIAL SPECIFICATION	G. KUCZENSKI
REVISIONS										1:2	11/07/2011	-12, 12 VOLT -24, 24 VOLT