

PART NO. SMR46B

REV.	BI DATE	CHG. NO.
H	AT 1-23-03	REVISED

SPECIFICATIONS

Diagram of a spring balance. The top is labeled "30° (TYP)". The weight is labeled "2P". The angle is labeled "ELECT. ANGLE". The weight is labeled "CW". The ends are labeled "SHORTED EACH END". The diagram shows a spring balance with a weight of 2P and an angle of 30°. The ends are shorted.

SW1

SW3

SWITCH RATING=5 AMP @ 125V

1/16

13/16

5/16

$\pm .04$

2500 .0005 DIA

+ .0000

OPERATING TEMPERATURE	-----	-55°C TO +105°C
TEMPERATURE COEFFICIENT	-----	SEE CHART
VIBRATION	-----	10HZ TO 2000HZ 15G
SHOCK	-----	50G 11MS
MOISTURE RESISTANCE	-----	40°C 95%RH 120 HOURS

SHAFTS BALL BEARINGS

SPECIAL SHAFTS BALL BEARINGS SPECIAL RESISTANCES
SERVO MOUNT SPECIAL LINEARITY DUAL GANGS

HOUSING - - - - -	THERMO-SETTING PLASTIC
SERVO LID - - - - -	ALUMINUM,ANODIZED
SHAFT - - - - -	STAINLESS STEEL
TERMINALS - - - - -	GOLD PLATED
BEARINGS - - - - -	BUSHING

SLIDEWIRE (INFINITE RESOLUTION)

RESIS. MODEL																	ELECTRICAL TRAVEL	MECHANICAL TRAVEL	LINEARITY (IND.)	NO. OF TURNS	POWER RATING @ 40°C	ROTATIONAL LIFE (TURNS)	WEIGHT	A DIM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	.5	1	2	5	10	20	50	100	200	500	1K	2K	5K	10K	20K	50K									100K	200K	300K																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
-3	#	#	#	#	.180	.145	.105	.084	.066	.048	.054	.043	.031	.024	.019	.014	.012																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

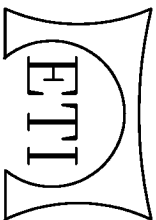
SMR46B	- 10 -	1 OR 2 -	RESIS.	SCALE	NONE
	OR 5			DATE:	10-22-86
	OR 3			BY	
MODEL		NO. OF SWITCHES	(NOTE: -1 HAS ONE SWITCH)		
	NO. OF TURNS				

THIS DOCUMENT CONTAINS PROPRIETARY DATA OF POLARIS INDUSTRIAL ENTERPRISES, INC. NO DISCLOSURE, REPRODUCTION, OR USE OF ANY PART THEREOF MAY BE MADE EXCEPT BY WRITTEN PERMISSION.

JOSEPH FRANCIS

APPRV'D	BT
---------	----

WIREWOUND
MULTI-TURN
POTENTIOMETER



  CARLSBAD
 SYSTEMS CALIFORNIA
 PART NO.

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

XX = +/-.010"	FRACT. = +/-.1/64"
XXX = +/-.005"	ANGLES = +/-.1/2°

CODE IDENT:

19477