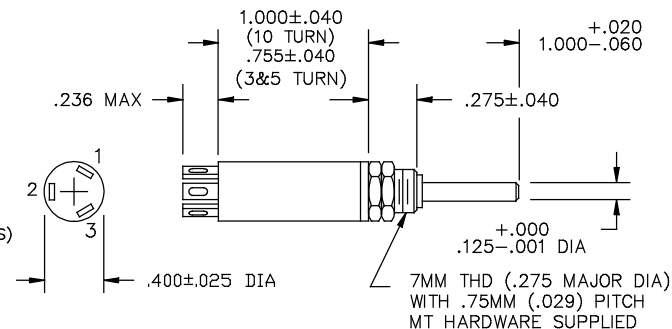


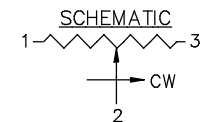
REV.	BY	DATE	PART NO. MW10B
F	AT	01-09-2020	HOUSING WAS ALUMINUM

RESISTANCE RANGE	—	—	SEE CHART
RESISTANCE TOLERANCE	—	—	±3%
LINEARITY(INDEPENDENT)	—	—	±0.25%(10 TURN)±0.35%(5 TURN)&(3 TURN)
ELECTRICAL ANGLE	—	—	3600°(10 TURN)1800°(5 TURN) ±5° (3 TURN)1080±5°
END RESISTANCE	—	—	0.2% OR 2 OHMS
ELECTRICAL NOISE(ENR)	—	—	100 OHMS MAX
RESOLUTION	—	—	SEE CHART
INSULATION RESISTANCE	—	—	100 MEGOHMS AT 500 VDC
DIELECTRIC STRENGTH	—	—	500 VAC MIN.
POWER RATING	—	—	1 WATT(10 TURN) .5 WATT(5 TURN).3 WATT (3 TURN)

NO OF TURNS — — —	MW10B-10(10 TURN)	MW10B-5(5 TURN)	MW10B-3(3 TURNS)
MECHANICAL ANGLE — — —	360°(10 TURN)	180°(5 TURN)+30°-0°	(3 TURN)1080°
ROTATIONAL LIFE — — —	1,000,000 TURNS	(3&5 TURN)	600,000
STOP STRENGTH — — —	15 IN. OZ.		
STARTING TORQUE — — —	0.5 IN. OZ. MAX		
WEIGHT — — — — —	0.7 OZ.(10 TURN)	0.6 OZ (5 TURN)	(3 TURN)



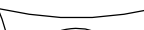
OPERATING TEMPERATURE — -55°C TO +105°C
TEMPERATURE COEFFICIENT — SEE CHART
VIBRATION — 10HZ TO 2000HZ 15G
SHOCK — 50G 11MS
MOISTURE RESISTANCE — 40°C 95%RH 240 HOURS



HOUSING	_____	_____	_____	HIGH TEMP. THERMO PLASTIC
SHAFT	_____	_____	_____	STAINLESS STEEL
BUSHING	_____	_____	_____	PLATED BRASS
TERMINALS	_____	_____	_____	GOLD PLATED
RESISTANCE ELEMENT	_____	_____	_____	WIREWOUND

SHAFT MODIFICATIONS

[illegible]

	SCALE	NONE	THIS DOCUMENT CONTAINS PROPRIETARY DATA OF POLARIS INDUSTRIAL ENTERPRISES, INC. NO DISCLOSURE, REPRODUCTION, OR USE OF ANY PART THERE OF MAY BE MADE EXCEPT BY WRITTEN PERMISSION.	 CARLSBAD CALIFORNIA
	DATE:	8-9-86		
	BY			
<u>TOLERANCES</u> XX = +/- .010" FRACT. = +/- 1/64" XXX = +/- .005" ANGLES = +/- 1/2" ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.	APPRV'D	BT	<u>TITLE</u> MULTI-TURN POTENTIOMETER	<u>PART NO.</u> MW10B
	CODE IDENT: 19477			