REFERENCE: MPCL DWG B-MPD-B74

REVISION					
C.O.N	SYM	DESCRIPTION	DATE	DRAWN	APPR'D
	A	1) POLYETHYLENE SLEEVE ADDED ON CABLE.	3/22/96	T.TSUGAWA	Y.NAKAMURA
	B	1) "500Vrms—" WAS "1,000Vrms".	9/25/96	T.TSUGAWA	Y.NAKAMURA
	C	1) WAS "26".	6/24/99	T.TSUGAWA	
	D	1) TOLERANCE FOR MECHANICAL STROKE WAS ±1 mm.	02/02/03	T.TSUGAWA	

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CONNECTOR TERMINAL I.D.

CONNECTOR:
BINDER P/N 09-0309-00-04

MATING CONNECTOR, BINDER P/N 09-310-00-04 TO BE SUPPLIED WITH UNIT.

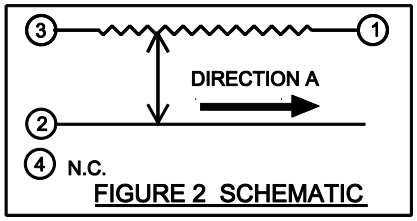
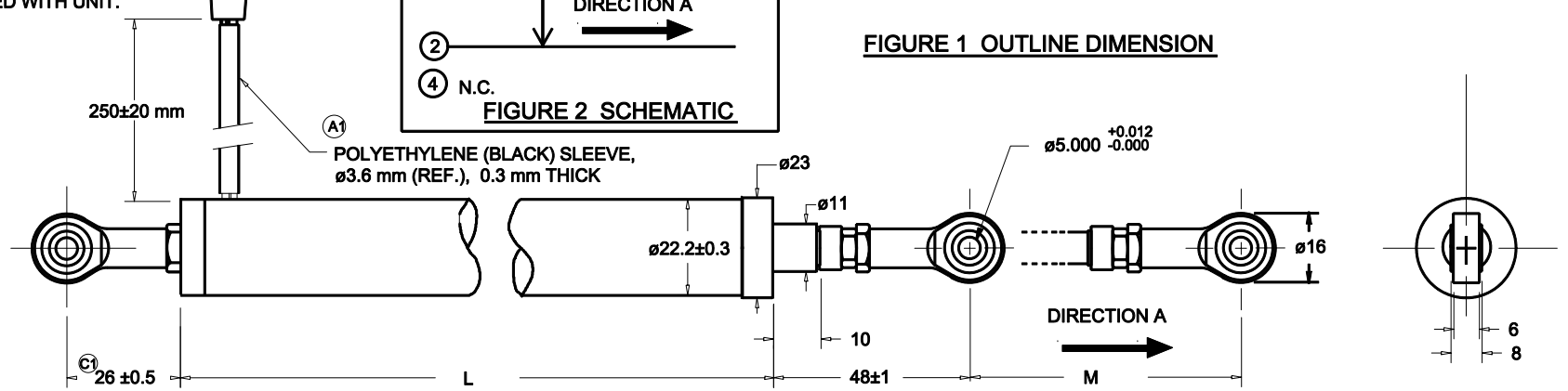


FIGURE 2 SCHEMATIC

FIGURE 1 OUTLINE DIMENSION



SPECIFICATIONS

MODEL NO.:	LP-100F -62	LP-150F -62	LP-200F -62	LP-250F-62	LP-300F -62	LP-400F-62
ELECTRICAL STROKE :	100 mm	150 mm	200 mm	250 mm	300 mm	400 mm
MECH. STROKE (M): D1	103 ±2 mm	153 ±2 mm	203 ±2 mm	253 ±2 mm	303 ±2 mm	403 ±2 mm
RESISTANCE in kOHMS (±20%):	0.5, 1, 2, 5, 10	1, 2, 5, 10	1, 2, 5, 10, 20	2, 5, 10, 20, 30	2, 5, 10, 20, 30	5, 10
POWER RATING:	2.5 W @ 70°C	3 W @ 70°C	4 W @ 70°C	4 W @ 70°C	4 W @ 70°C	4.5 W @ 70°C
HOUSING LENGTH (L):	145 ±1mm	195 ±1mm	245 ±1mm	295 ±1mm	345 ±1mm	445 ±1mm
INDEPENDENT LINEARITY:	±0.3% (±0.1% AVAILABLE)	±0.3% (±0.1% AVAILABLE)	±0.3% (±0.1% AVAILABLE)	±0.3% (±0.1% AVAILABLE)	±0.3% (±0.1% AVAILABLE)	±0.1%

OUTPUT SMOOTHNESS: 0.1% MAX.
INSULATION RESISTANCE: 100 meg OHMS MIN. @ 500 Vdc
DIELECTRIC STRENGTH: B1 500 Vrms @ 50/60 Hz for 1 MINUTE
OPERATING TEMPERATURE: -40°C to +125°C
TEMPERATURE COEFFICIENT: ±400 ppm/°C MAX.
FRICTION: 100 g MAX.

UNLESS OTHERWISE SPECIFIED,DIMENSIONS ARE IN mm(in). TOLERANCES: ANGLES: ±1.5° <10 mm: ±0.25 <100 mm: ±0.5 >100 mm: ±1	DRAWN T. TSUGAWA	DATE 11/15/95	SPECIFICATION DWG FOR MODEL LP-XXXF-62 LINEAR POTENTIOMETER SPHERICAL ROD ENDS	Midori America Corporation FULLERTON, CA	
	CHECKED Y. NAKAMURA	DATE 11/28/95			
	APPROVED I. SOMA	DATE 11/28/95			
	APPROVED	DATE		A-MAC-B76	D
	SCALE:		FILE: LP-XXXF-62	1 OF 1	