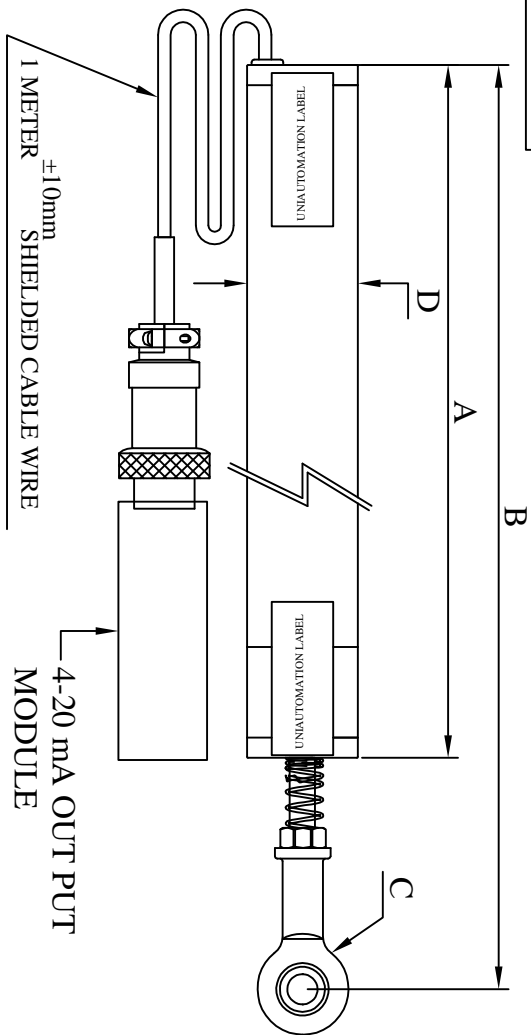


DIMENSIONS :- METRIC



WT 22 SERIES STROKE LENGTH	100 SPRING RETURN	Tol.
ELECTRICAL STROKE LENGTH	100	±5.0
MECHANICAL STROKE LENGTH	105	±5.0
BODY LENGTH - A	166	±1.0
REB CENTER TO CENTER - B	IN CLOSED CONDITION 250	±5.0
C - ROD END BEARING. ID-5.0	SINGLE SIDE REB	----
BODY DIAMETER - D	Ø22	±0.2
MOUNTING CLAMP 2 NOS & M4 X 30 LENGTH 4 NOS SCREW	ADJUSTABLE MOUNTING CLAMP	

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SCALE : 1:1

TOLERANCES
 DIN-ISO 2768-1 (1991-06)
 (TOLERANCE CLASS:MEDIUM)

UAPL PART NO
149739



CUSTOMER DRAWING REF NO
 NA
 CUSTOMER : UAPL STANDARD

SHEET

1 of 1

**CONDUCTIVE PLASTIC
 LINEAR MOTION POTENTIOMETER**

MODEL WT22 (739)

ELECTRICAL CHARACTERISTICS

RESISTANCE ELEMENT ...	UNITS	VALUE
TOTAL RESISTANCE ...	Ohms	CONDUCTIVE PLASTIC 5K (TYPICAL)
RESISTANCE TOLERANCE...	±%	20
STANDARD INDEPENDENT LINEARITY TOLERANCE...	±%	0.5
RESOLUTION...	--	ESSENTIALLY INFINITE
TEMPERATURE COEFFICIENT OF RESISTANCE(TCR)...	ppm/dg C	±400
INSULATION RESISTANCE @ 500 VDC...	M Ohms	500
DIELECTRIC STRENGTH @ 50HZ...	V dc	500
ELECTRICAL LIFE (STROKE)...	STROKES	5,000,000
END VOLTAGE AS A % OF APPLIED VOLTAGE...	%	LESS THAN 0.5

MECHANICAL CHARACTERISTICS :-

BEARING TYPE...	--	SLEEVE
TORQUE STARTING...	Nmm (Oz Inch)	10 (1.416)
TORQUE RUNNING...	Nmm (Oz Inch)	5 (0.708)

ENVIRONMENTAL CHARACTERISTICS :-

OPERATING TEMPERATURE...	DEGREES C	-40 to +105
ROHS COMPLIANCE...	--	YES

MATERIALS OF CONSTRUCTION:-

HOUSING...	--	ALUMINUM BLACK ANODIZED
SHAFT...	--	STAINLESS STEEL
MOUNTING CLAMP...	--	ALUMINUM WHITE ANODIZED
CHEESE HEAD SCREW FOR CLAMPING...	--	MS (QTY. 40)

NOTE :-

CONTINUOUS IMPROVEMENTS ARE BEING MADE FOR ENHANCING PERFORMANCE FOR CUSTOMER BENEFIT IN PRODUCT DESIGN & PROCESS. THE PRODUCT SUPPLIED MAY BE SLIGHTLY DIFFERENT THAN DESCRIBED BY ABOVE SPECIFICATIONS

