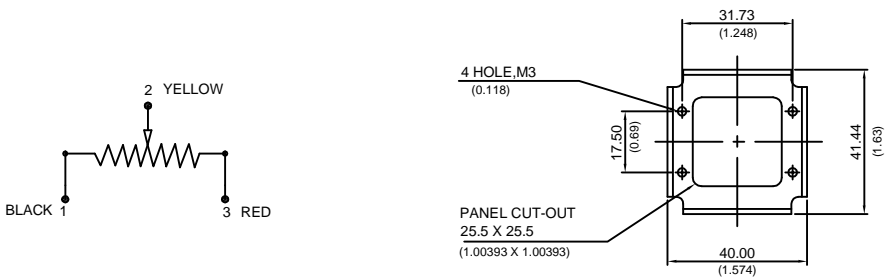
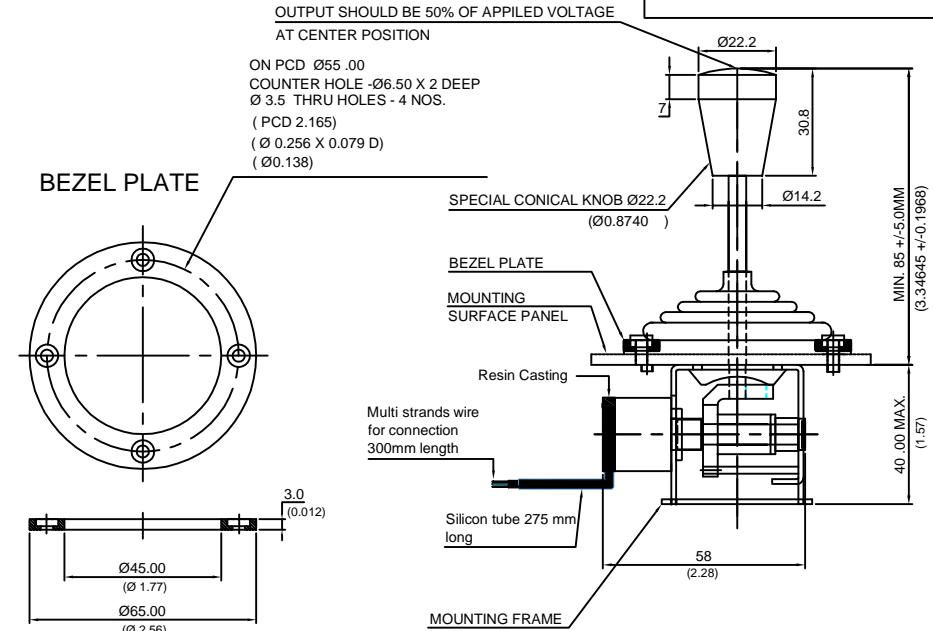


**DIMENSIONS :- METRIC (INCH)**



OUTPUT SHOULD BE 50% OF APPLIED VOLTAGE AT CENTER POSITION

ON PCD Ø55.00  
COUNTER HOLE -Ø6.50 X 2 DEEP  
Ø 3.5 THRU HOLES - 4 NOS.  
(PCD 2.165)  
(Ø 0.256 X 0.079 D)  
(Ø0.138)

- FEATURES:-
1. CONDUCTIVE PLASTIC LONG LIFE RESISTANCE ELEMENT.
  2. ANODIZED ALUMINIUM PRECISION MACHINED BODY.
  3. PRECIOUS METAL HIGH TECHNOLOGY WIPER GIVES NOISE FREE OUTPUT.

ELECTRICAL CHARACTERISTICS :-	UNITS	VALUE
RESISTANCE ELEMENT...	--	CONDUCTIVE PLASTIC
RESISTANCE RANGE...	Ohms	5 K
RESISTANCE TOLERANCE...	±%	20
STANDARD INDEPENDENT LINEARITY TOLERANCE...(IEC 393)..	±%	2.0
ELECTRICAL ANGLE...	DEGREES	45°±5°
ELECTRICAL DEAD ZONE...	DEGREES	5°
MOVEMENT OF STICK...	DEGREES	25 - 0 - 25
RESOLUTION...	--	ESSENTIALLY INFINITE
TEMPERATURE COEFFICIENT OF RESISTANCE(TCR)...	ppm/deg C	± 400
POWER RATING @ 70°C...	WATTS	1.0
INSULATION RESISTANCE @ 500 VDC...	M Ohms	1000
DIELECTRIC STRENGTH @ 50 HZ...	V ac	500
MAXIMUM WIPER CURRENT...	mAmps	1
SHORT TIME WIPER CURRENT 10 SEC...	mAmps	10
END VOLTAGE AS A % OF APPLIED VOLTAGE...	%	LESS THAN 0.5
<b>ENVIRONMENTAL CHARACTERISTICS</b>		
OPERATING TEMPERATURE...	DEGREE C	-40 TO +105
ROHS COMPLIANCE...	--	YES
<b>PERFORMANCE...</b>		
LIFE ...	NO OF OPERATIONS	2,000,000
<b>MATERIAL OF CONSTRUCTION:-</b>		
HOUSING...	--	ALUMINIUM ANODIZED
SHAFT...	--	STAINLESS STEEL
TERMINAL...	--	7/38 MULTI STRANDS TEFLON WIRE (4WIRE'S)
MOUNTING FACILITY...	--	FRAME & S.S. PLATE WITH M3 TAP
RUBBER BOOT...	--	NITRIAL RUBBER...
MOUNTING FLANGE...	--	STAINLESS STEEL...

UNI-AUTOMATION (I) PVT. LTD.  
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**JOYSTICK CONTROLLER**  
**MODEL J-101 (003)**  
(SINGLE AXIS)

FIRST ISSUE : 07/05/2015    SCALE : 1:1

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

**UAPL PART NO.**  
**169003**

CUSTOMER DRAWING REF NO  
NA

CUSTOMER :- UAPL STANDARD

REV - 00  
SHEET:-1 Of 1