

SPECIFICATIONS

ELECTRICAL

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RESISTANCE TOLERANCE	10K OHMS
LINEARITY (INDEPENDENT)	±20%
POWER RATING	0.1 WATT (0.04 FOR "Z" AXIS)
LEVER ELECTRICAL ANGLE	20° (60° FOR "Z" AXIS)
RESOLUTION	ESSENTIALLY INFINITE
OUTPUT SMOOTHNESS	BELOW 0.2% AGAINST INPUT VOLTAGE
CONTACT RESISTANCE VARIATION	BELOW 6% C.R.V.
INSULATION RESISTANCE	1000 MEGA OHMS @ 500VDC
DIELECTRIC STRENGTH	1 MINUTE AT 500 VAC
MAX. WIPER OUTPUT	19mA RECOMMENDED, 1mA MAX.

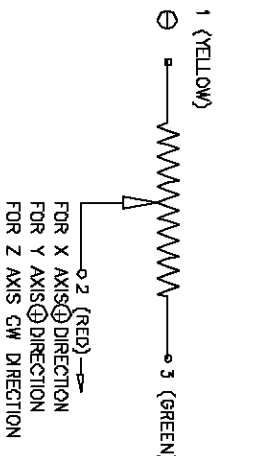
MECHANICAL

RANGE OF OPERATING LEVER	"X" & "Y": ±10° ~ ±15° FROM CENTER
OPERATING FORCE	"Z" AXIS: ±30° ~ ±35° FROM KNOB CENTER
OPERATING TEMPERATURE	"X" & "Y": APPROX. 3.6 ~ 7.14 OZ.-F.
LIFE EXPECTANCY	"Z" AXIS: APPROX. 4.23 ~ 9.87 OZ.-IN.
WEIGHT	-20°C TO +60°C
SHOCK	2 MILLION OPERATIONS APPROX. 21 OZ.
	APPROX. 1.0 OZ.

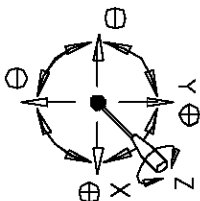
MATERIALS

HOUSING	ALUMINUM AND HIGH TEMP. THERMO PLASTIC
ELEMENT	CONDUCTIVE PLASTIC
KNOB	HARD PLASTIC

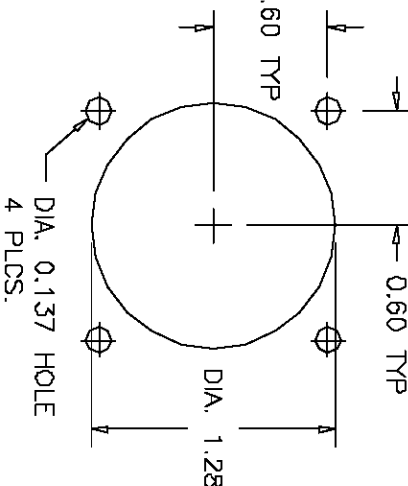
SCHEMATIC



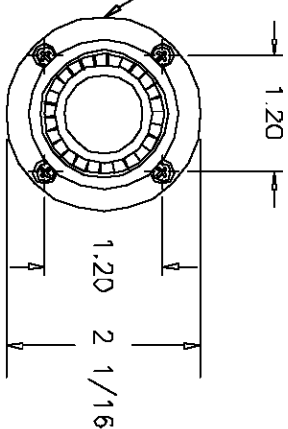
"N" LEVER DIRECTION



PANEL ARRANGEMENT



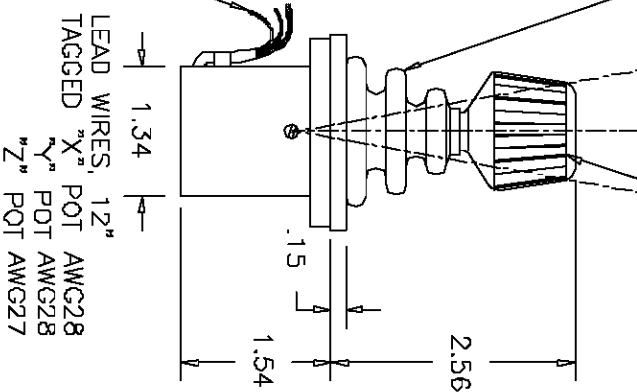
BLACK PLASTIC DRESS PANEL WITH MOUNTING SCREWS.



10 TO 15 DEGREES TYP.

"Z" AXIS CONTROL KNOB WITH SPRING CENTER POSITION RETURN.

DUST PROOF RUBBER BOOT.



TITLE

JOYSTICK

PART NO.

J30-NM30-SB



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