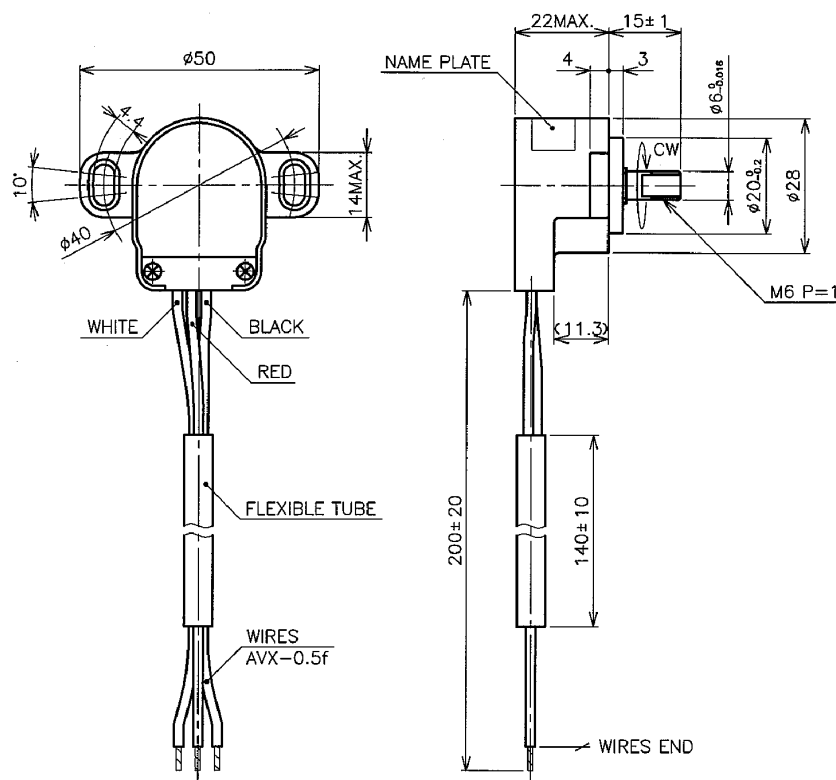
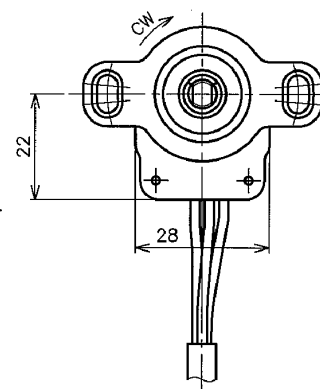




RED — [] — BLACK
 ↑
 WHITE → CW

• RED, WHITE, BLACK
 INDICATE WIRE COLORS

- SHAFT POSITION IS SHOWN FOR MECHANICAL CENTER.



Graph showing Output (%) versus Angle (°) for a 360° potentiometer. The output is constant at 100% for the first 90° ± 3° (Electrical Travel), then decreases linearly to 0% at 360° (Total Mechanical Travel). The CW direction is indicated.

ELECTRICAL TRAVEL	:	90±3°
TOTAL RESISTANCE	:	1kΩ ±20%
INDEPENDENT LINEARITY	:	±3%
TRAVEL RESOLUTION	:	ESSENTIALLY INFINITE
INPUT VOLTAGE	:	DC18V MAX./50c
OUTPUT SMOOTHNESS	:	0.1% MAX.
INSULATION RESISTANCE	:	100MΩ MIN. DC1000V
DIELECTRIC STRENGTH	:	AC1000V 1MINUTE
TEMPERATURE COEFFICIENT OF RESISTANCE	:	±400ppm/K
MECHANICAL TRAVEL	:	360°CONTINUOUS
TORQUE	:	20mN·m MAX.
OPERATING TEMPERATURE	:	-40~100c
VIBRATION	:	245m/s ² 20~500Hz 3AXIS 2h
SHOCK	:	500m/s ² 11ms 3AXIS 6DIRECTIONS 3TIMES
WATER PROOF	:	IP 65 (EXCEPT WIRES END)
MASS	:	APPROX.35g

DRAWING FOR APPROVAL				SPEC. NO.	
MODEL: CP-2FABSJ-09					
APPROVED _____		TOLERANCE		DATE 4. 7. '07	
CHECKED 4. 9. '07 H. Yonemachi		±10 ±0.25		SCALE 1: 1	
		10 < ±100 ±0.5			
		100 < ±1.0			
DRAWN 4. 7. '07 K. Yoshino		ANGI F ±1.5		DRAWING PRACTICE	
					
				MIDORI PRECISIONS CO., LTD. DRAWING NO. B-MPE-B55	

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