

Conductive Plastic Angle Sensor

CP-45F Series - CP-45FRBN

- Conductive Plastic Angle Sensor
- Effective Electrical Travel : 350°
- Independent Linearity : $\pm 0.1\%$
- Screw Mount
- IP54

【Options】

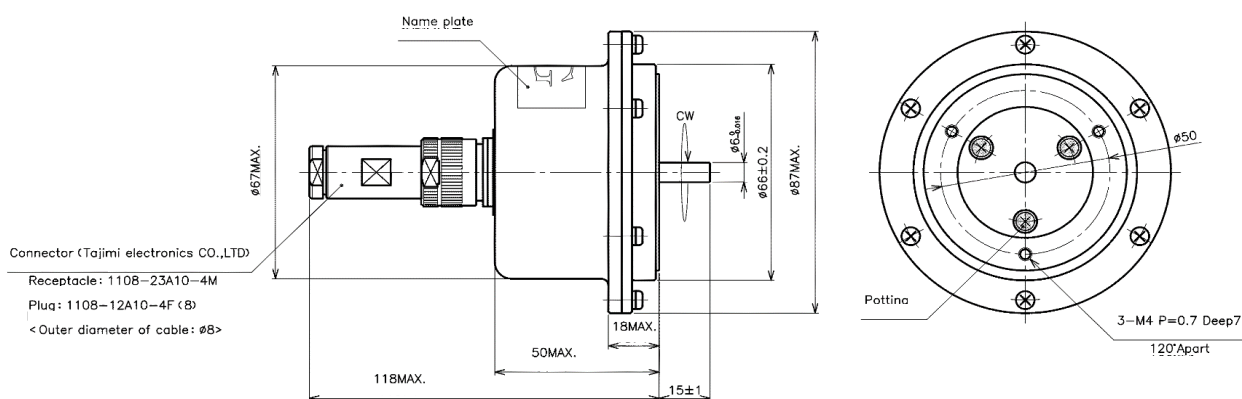
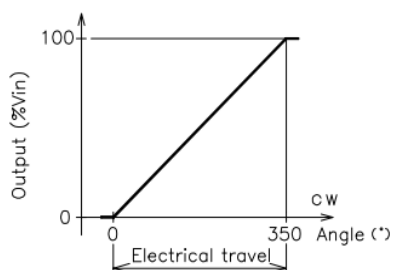
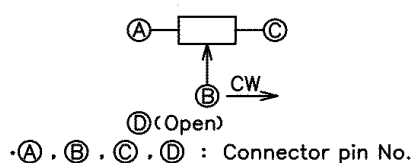
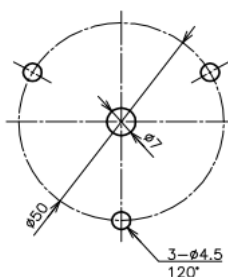
- Additional Center Tap :

C.T(A) ... No shorted angle

C.T(B) ... Shorted on Tap (Shorted angle 1~5°)

【Material】

- Housing : Aluminum
- Shaft : Stainless Steel
- Bearing : Stainless steel

■Dimension [mm]**■Output Characteristics****■Schematic****■Mounting**

Screw Mount

MIDORI MIDORI PRECISIONS
www.midori.co.jp

2020/3

【Model No.】	CP—45FRBN
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【Electrical Data】

Effective Electrical Travel	350 +2, -3	°
Total Resistance	1, 2, 5, 10 (Option: 0.5, 20)	kΩ
Total Resistance Tolerance	±15	%
Independent Linearity	±0.1	%
Power Rating	3/70°C	W
Output Smoothness	MAX. 0.1	%
Insulation Resistance	MIN. 100/DC1000V	MΩ
Dielectric Strength	AC1000/1min.	V
Temperature Coefficient Of Resistance	±400	ppm/K

【Mechanical Data】

Total Mechanical Travel	360 Endless	°
Torque	MAX. 25	mN·m
Thrust Load Tolerance	2	N
Radial Load Tolerance	4	N
Mass	600 Approx.	g
IP Rating	IP54	

■Accessories

Connector plug:TAJIMI ELECTRICS
 Model TC1108-12A10-4F8
 Applicable cable φ8

■Handling Instruction

・To avoid burnout of resistive element, do not supply more than 1mA current to terminal 2.

We are here for you. Addresses and Contacts.

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