

This product compliance with RoHS.

Fig.1
Dimension

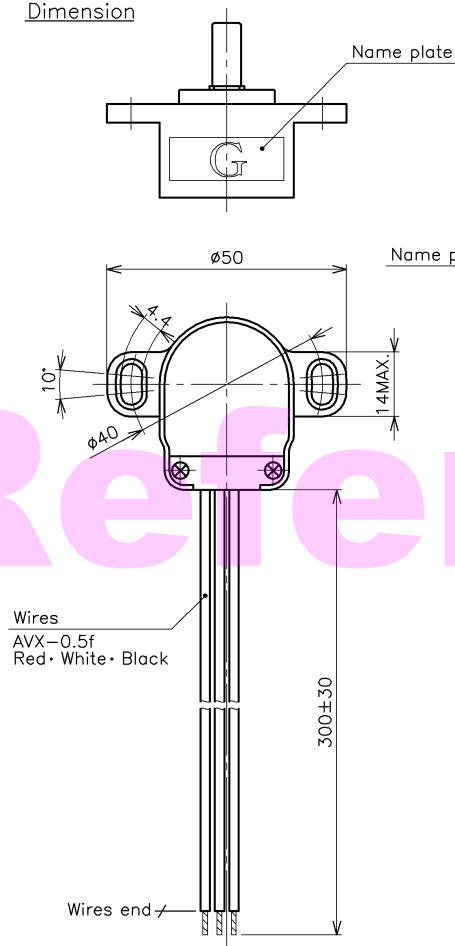
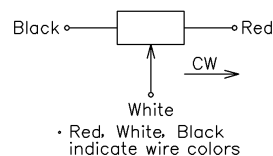


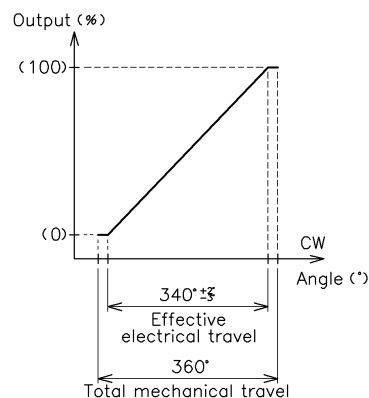
Fig.3
Schematics



Specifications

Effective electrical travel	: 340°±5°
Output characteristics	: See Fig.2
Total resistance	: 1kΩ · 5kΩ ±20%
Independent linearity	: ±1%
Output resolution	: Essentially infinite
Input voltage	: DC18V MAX./+50℃
Output smoothness	: 0.1% MAX.
Insulation resistance	: 100MΩ MIN. DC1000V
Dielectric strength	: AC1000V 1 min
Temperature coefficient of resistance	: ±400ppm/K
Total mechanical travel	: 360° Endless
torque	: 20mN·m MAX.
Mass	: Approx. 35g
Radial load tolerance	: 4N
Thrust load tolerance	: 3N
Operating temperature range	: -40~+100℃
Vibration	: 245m/s², 20~500Hz 3axis 2hours.
Shock	: 500m/s², 11ms 3axis 6directions 3times.
IP Level	: IP65 (Except wires end)
Dimension	: See Fig.1
Schematics	: See Fig.3

Fig.2
Output characteristics



REV	DATE	DESCRIPTION	APPROVED	CHECKED	DRAWN

REFERENCE DRAWING				CUSTOMER/SPEC. NO.	
MODEL: CP-2FABSJ-128				Pewatron AG	
APPROVED	T.Yamazaki	TOLERANCE	DATE 6.27.2013	MIDORI PRECISIONS CO., LTD.	
CHECKED	T.Yamazaki	10 ≤ 100 ±0.25 100 < ±0.5	SCALE 1:1	DRAWING NO.	REV.
DRAWN	K.Yoshino	100 < ±1.0 ANGLE ±1.5°	DRAWING PRACTICE	C-MPE-B31	0

A3

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