CP - 2HK 시리즈 - 앵글센서 - 상품코드 : 053000125



* 일본산 Contactless Hall - IC Angle 앵글센서 입니다.
* Effective Electrical Travel : ±40 º (Option:270 º ,300 º ,360 º)

제품 상세 정보 (Product Features)

Contactless Hall - IC Angle Sensor
Absolute Linearity: ±1%FS (Independent Linearity: ±0.5%FS)
CP - 2HK
: Input Voltage DC5±0.5V
CP - 2HK - 8R
: Input Voltage DC8±0.5V
CP - 2HK - 10R
: Input Voltage DC10±0.5V

【원자재】
●하우징: 알루미늄
●샤프트: 스테인리스
●커버: (Steel),니켈 도금
●베어링: 스테인리스

*사용시 주의사항
To avoid burnout of resistive element, do not supply more than 1mA current to terminal 2.
Miswiring might cause burnout of resistive element.
To reduce sliding noise, add load resistance should be more than 100times and less than 1000times of total resistance.
Slight continuous vibration such as dither might cause short lifetime of the sensor.
150m/s2 2000Hz 3 axis 2 hours each
500m/s2 11ms 6 directions 3 times

※ 유의사항

상기 제품에 첨부된 데이터시트는 참고용입니다.
자세한 데이터시트를 원하실 때에는 당사에 문의 바랍니다.

기술데이터

TEL: 02 - 716 - 6737~8 FAX: 02 - 701 - 8424 E - mail: webmaster@dongyangele.co.kr www.dongyangele.co.kr

Specifications are subject to change without notice. Specifications in this catalog are just for reference. The detail specification and drawing sheets will be provided upon request. Copyright. 2013 DONGYANG Electronic Inc. All rights reserved

Electrical Spec	
Effective Electrical Travel	±40 (Option: ±135, ±150, ±180)
Output Range	10~90
Independent Linearity	±1(FS=80 °)
Input Voltage	DC10±0.5
Load Resistance	MIN. 10MΩ
Supply Current	MAX. 13
Output Resolution	12
Hysteresis	MAX. 0.1

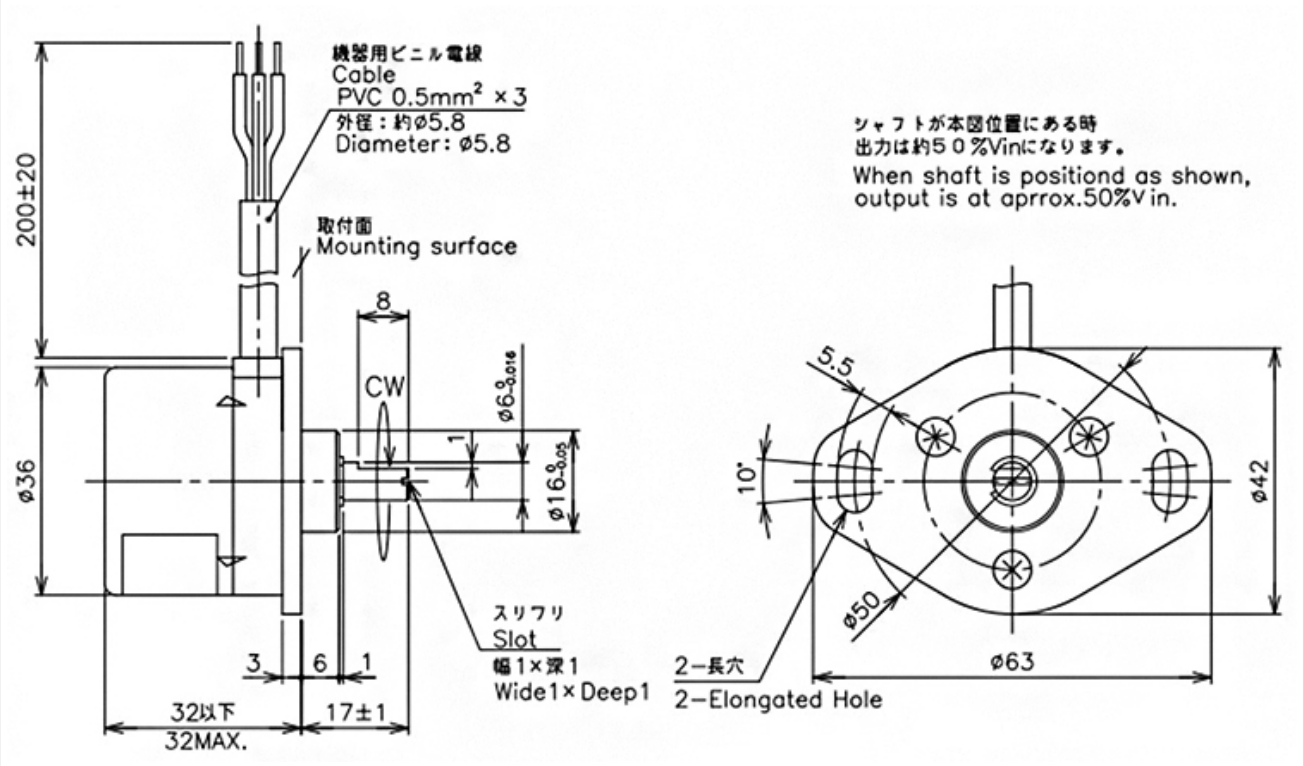
Mechanical Spec	
Mechanical Angle	360 Endless
Torque	MAX. 2
Thrust Load Tolerance	4N
Radial Load Tolerance	14N
Mass	Approx.65

Environmental Spec	
Life Cycles	MIN. 50 Million
Category Temperature Range	- 40 ~ +100℃
Storage Temperature Range	- 40 ~ +100℃
Vibration	100m/s2 3 axis 2 hours each
Shock	1000m/s2 3 axis 6 directions 3
EMS	100V/m 200MHz - 1GHz
ESD (Case To Each Terminal)	±12kV (IEC61000 - 4 - 2)
ESD (Between Each Terminal)	±12kV (IEC61000 - 4 - 2)
IP Level	IP54 (Except shaft side

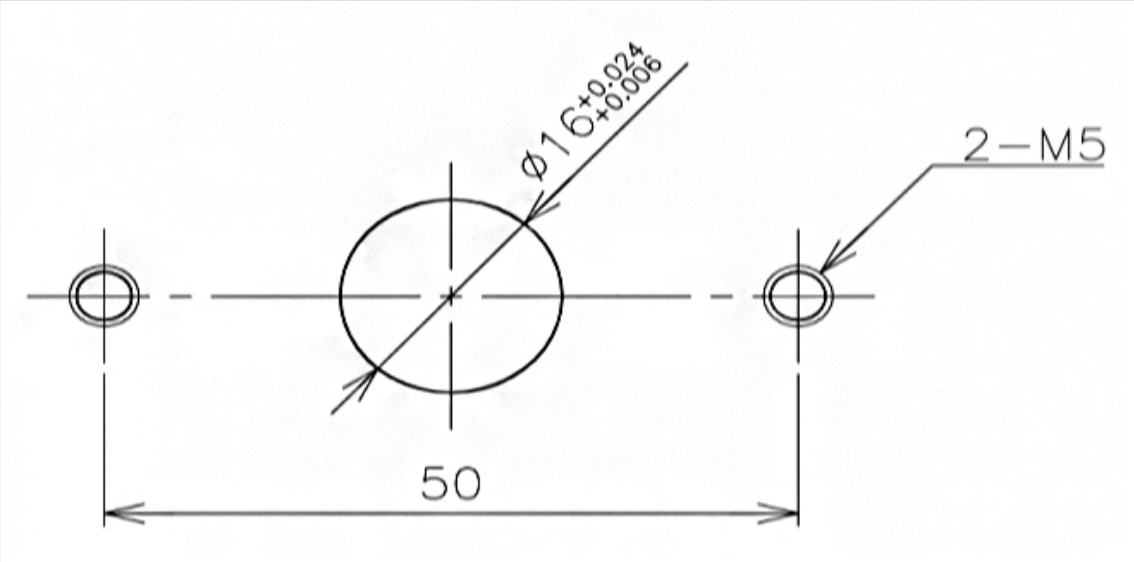
TEL: 02 - 716 - 6737~8 FAX: 02 - 701 - 8424 E - mail: webmaster@dongyangele.co.kr www.dongyangele.co.kr

Specifications are subject to change without notice. Specifications in this catalog are just for reference. The detail specification and drawing sheets will be provided upon request. Copyright. 2013 DONGYANG Electronic Inc. All rights reserved

Drawing



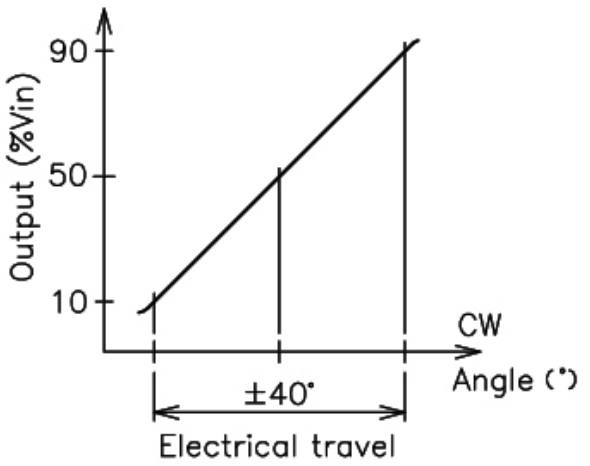
Drawing



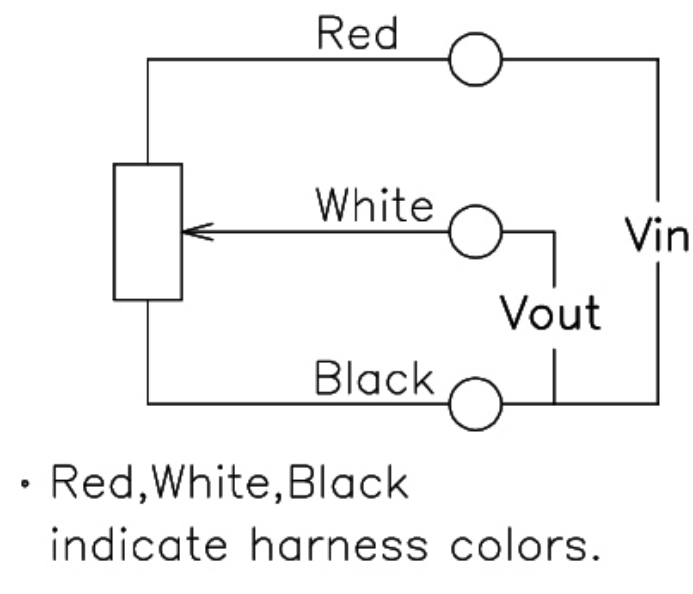
CP - 2HK mounting

TEL: 02 - 716 - 6737~8 FAX: 02 - 701 - 8424 E - mail: webmaster@dongyangele.co.kr www.dongyangele.co.kr

Specifications are subject to change without notice. Specifications in this catalog are just for reference. The detail specification and drawing sheets will be provided upon request. Copyright. 2013 DONGYANG Electronic Inc. All rights reserved



Output Characteristics



Schematic

TEL: 02 - 716 - 6737~8 FAX: 02 - 701 - 8424 E - mail: webmaster@dongyangele.co.kr www.dongyangele.co.kr

Specifications are subject to change without notice. Specifications in this catalog are just for reference. The detail specification and drawing sheets will be provided upon request. Copyright. 2013 DONGYANG Electronic Inc. All rights reserved