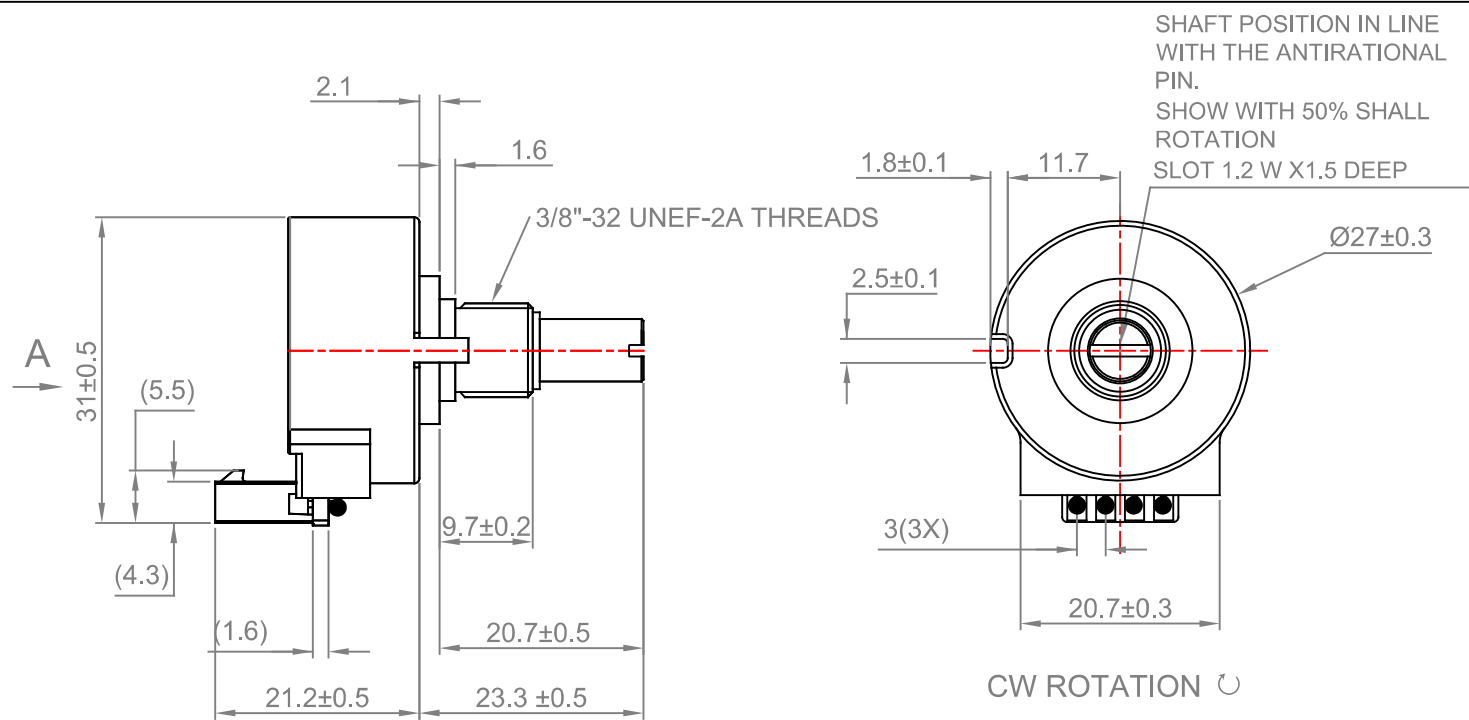
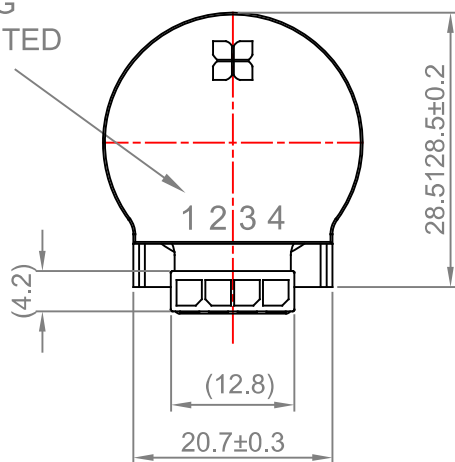
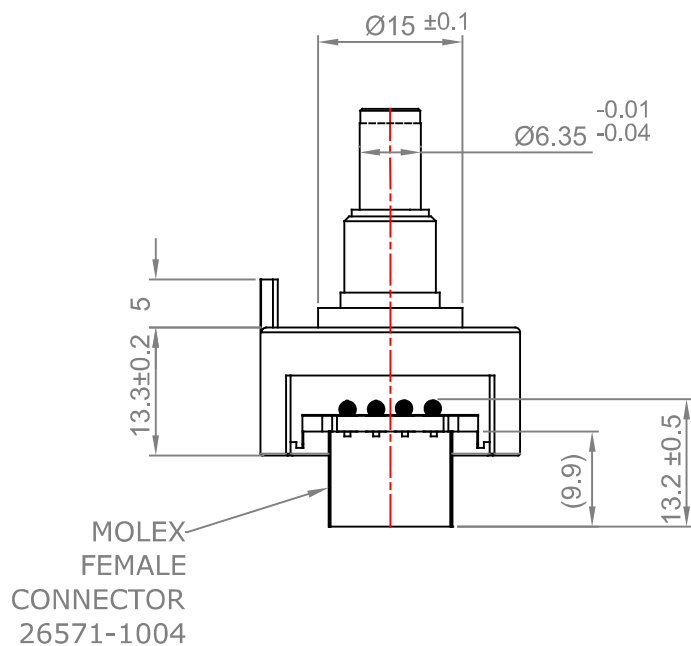




LASER
MARKING
OR PRINTED



VIEW :- A



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HALL EFFECT POSITION SENSORS

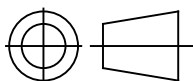
CL27 (052)

FIRST ISSUE : 15/09/21

SCALE : 1:1

TOLERANCES
DIN-ISO 2768-1 (1991-06)
(TOLERANCE CLASS-MEDIUM)

UAPL PART NO
219052

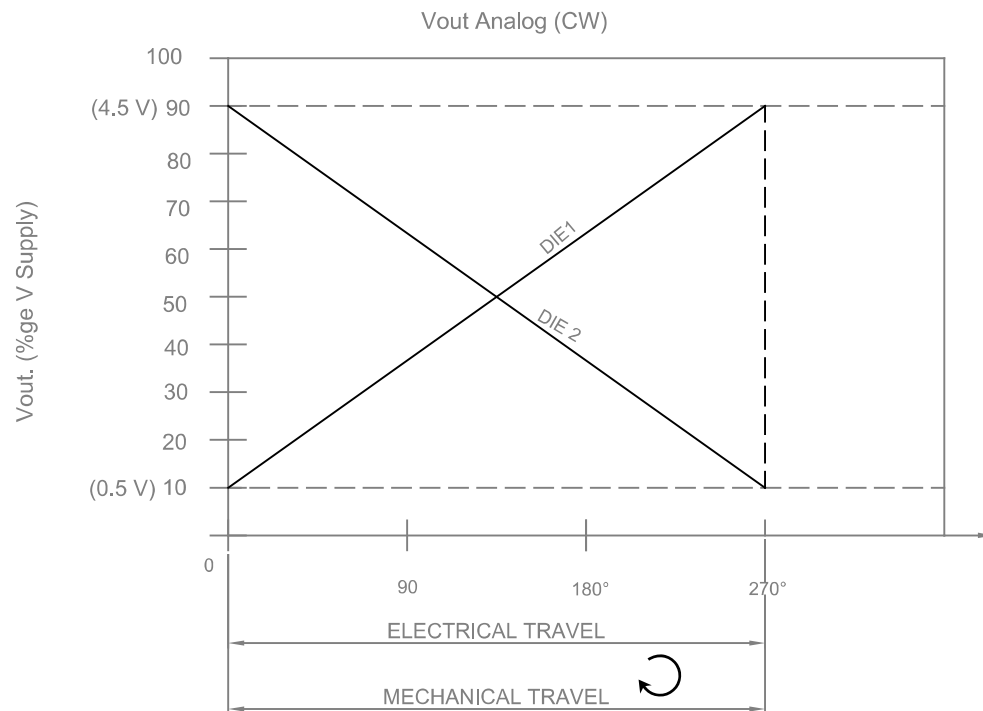


CUSTOMER DRAWING REF NO
NA

REV -NEW VERSION

CUSTOMER : RESENSO

SHEET 1 of 2



NOTE:-

- MAINTAIN THE SHAFT POSITION WHILE PROGRAMMING THE PRODUCT AS SHOWN IN THE DRAWING.
- USE WAVE WASHER FOR CONSTANT TORQUE.
- IN BRACKETED () DIMENSIONS ARE ONLY FOR REFERENCE.
- GENERAL TOLERANCES FOR LINEAR AND ANGULAR DIMENSIONS (DIN ISO 2768 -1) TOLERANCE CLASS-MEDIUM

ELECTRICAL CHARACTERISTICS

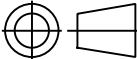
Actual Electrical Travel	270°
Actual Mechanical Travel	270°
Output (Single/ Dual)	0-5 V Analoge output (Programmed as per req.)
Operating Input Voltage	4.5 ~ 5.5 Vdc
Output type	Redundant output DIE1-10% TO 90%, DIE2-90% TO 10%,
Overvoltage Limits	24 Vdc
Reverse voltage protection	-12 VDC (breakdown at -14V)
Output short circuit Current	15 mA Max.
Output Load	4.7 kΩ Min., 10 kΩ Typical
Analog output resolution	0.025% of Vdd
Linearity	± 1% OF FULL SCALE
Supply Current	24 mA
Dielectric Strength	750 Vdc
Insulation Resistance	1000 MΩ
Electrostatic Discharge (ESD)	Passes 2 kV test
Operating and storage temperature	-40 to +85°C
PERFORMANCE :-	
Protection class	IP65 37
Torque	2cNm ±1cNm

MATERIALS OF CONSTRUCTION:-

Housing...	Engg.Plastic
Shaft...	Stainless Steel
Terminals...	Brass gold plated terminal
Mounting Hardware ...	Nut-brass + Lock Washer-steel A/F 14 x 3 mm,both nickel plated
Bushing...	Brass
Grease.....	Klüber

Continuous improvements are being made in product design & process for enhancing performance for customer benefit the product supplied may be slightly different than described by above specifications

	FUNCTION	PIN NO
SENSOR	SUPPLY +5v	1
	DIE 1	2
	DIE 2	3
	GROUND 0V	4

Uni-Automation (I) Pvt Ltd		HALL EFFECT POSITION SENSORS	
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TOLERANCES DIN-ISO 2768-1 (1991-06) (TOLERANCE CLASS-MEDIUM)	UAPL PART NO 219052		CUSTOMER DRAWING REF NO NA
			REV -NEW VERSION
		CUSTOMER : RESENSO	SHEET 2 of 2