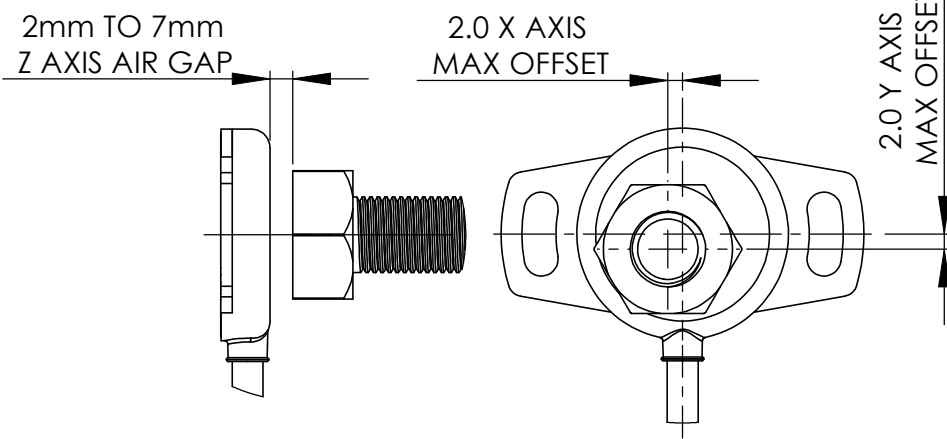




**METRIC**  
IF IN DOUBT ASK

ISS	DATE	DRAWN	ECR No.	CHK	APP
2	23/03/10	D.R.	10583/7	MWB	MWB

**MAGNET MISALIGNMENT**



**NRH280 Magnet Misalignment Vs Linearity**

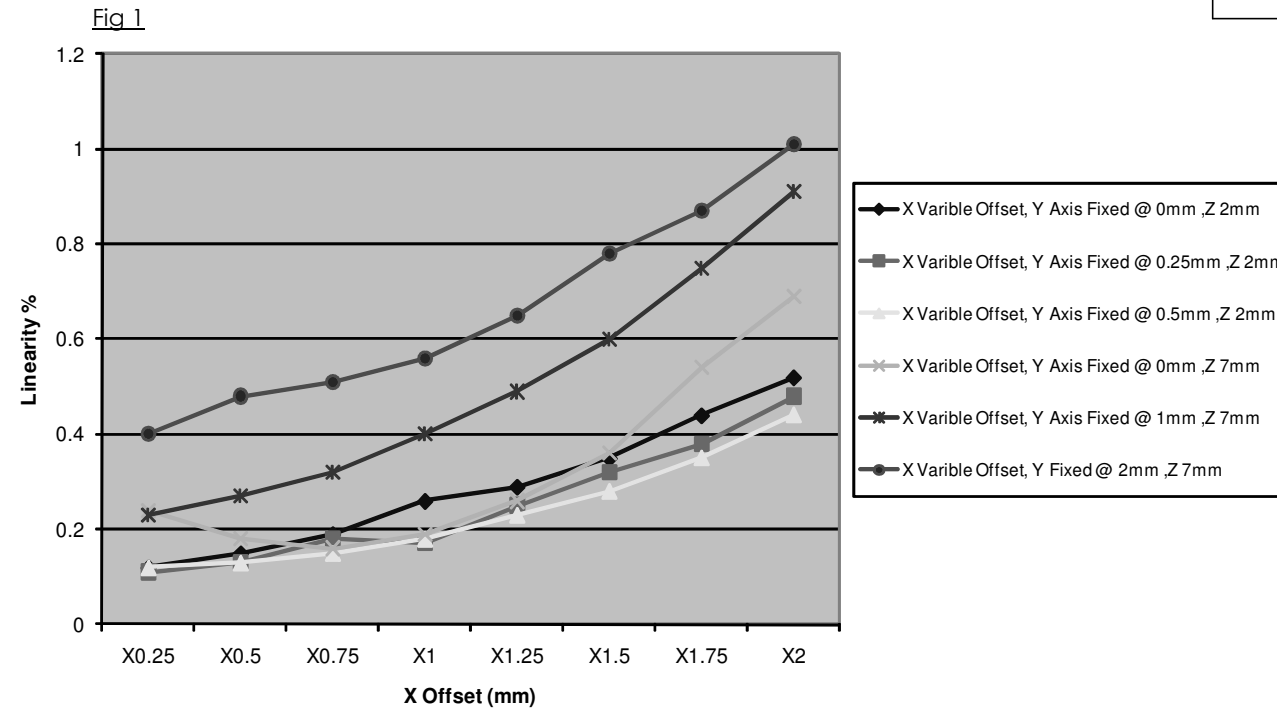
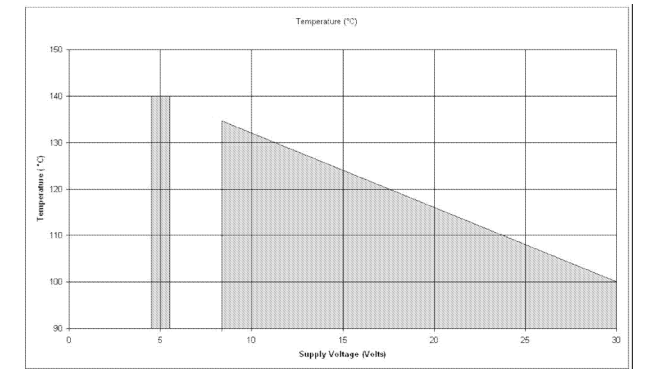
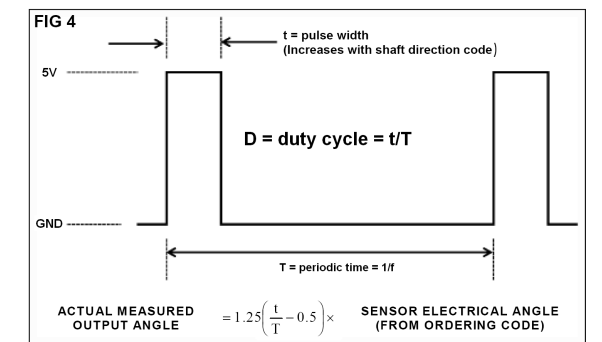


Fig 3



**MAX OPERATING TEMPERATURE DERATING**



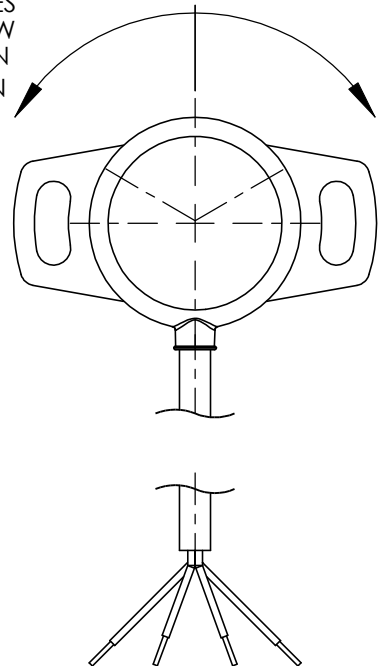
**PWM OUTPUT CHARACTERISTICS**

Fig 5

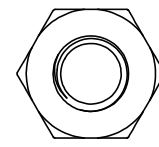
MID POINT OF ELECTRICAL ANGLE

OUTPUT INCREASES FOR ACW UNIT WHEN VIEWED AS SHOWN

OUTPUT INCREASES FOR CW UNIT WHEN VIEWED AS SHOWN

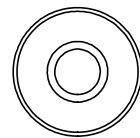


**BOLT TYPE**



IDENT FACING TOWARDS CABLE EXIT

**PLUG TYPE**



IDENT FACING TOWARDS CABLE EXIT

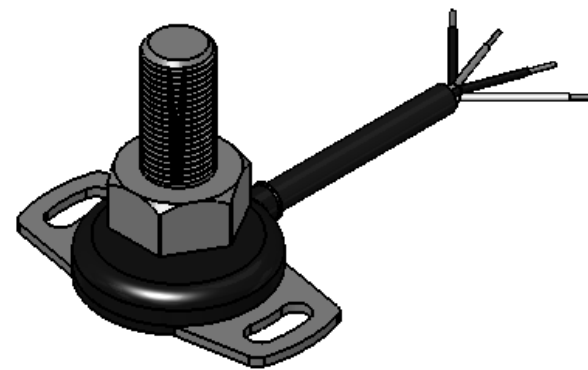
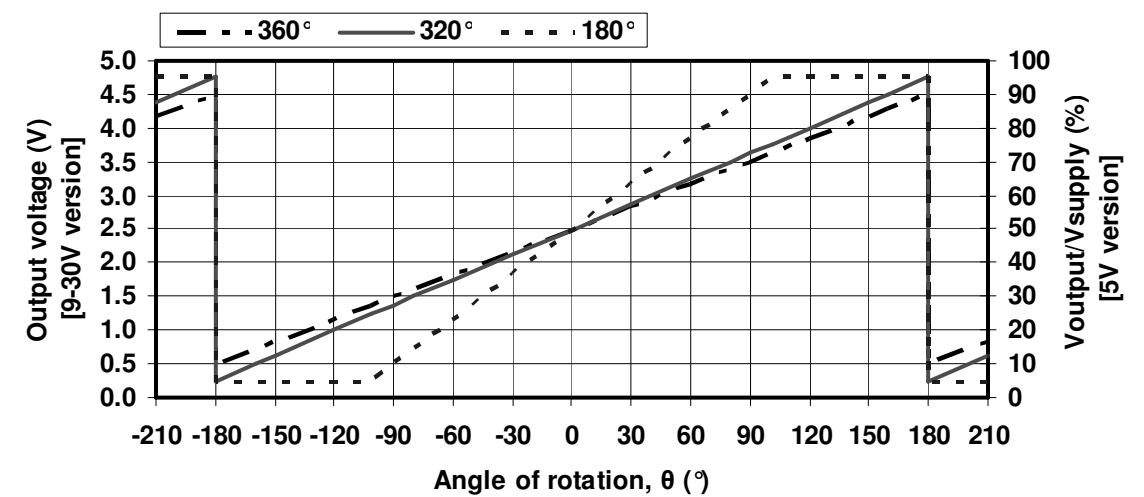


Fig 2

**Output law for 3 different angles**



SCALE 2:1 UNLESS STATED	IF CONTROL DIMENSIONS (Kc) ARE SPECIFIED THEY ARE TO BE SUBJECT TO 100% INSPECTION OR STATISTICAL PROCESS CONTROL.	D No -	MATERIAL MTG PLATE - 316 ST. STEEL BODY - POLYMER MAGNET HOLDER - 316 ST/STEEL	TOLERANCES: IN-LINE WITH PENNY & GILES STANDARDS 55-301 SURFACE TEXTURE VALUES IN MICROMETRES (µm) TO BS1134:PT2. ALL MACHINED SURFACES TO BE 1.6 ALL SCREW THREADS TO BS3643 PT.2: EXTERNAL CLASS: 6g INTERNAL CLASS: 6H	TITLE NON CONTACT ROTARY HALL SENSOR	<b>PENNY + GILES</b>	<b>A3</b>
THIRD ANGLE PROJECTION TO BS 8888	MASS (g)	FIRST USED ON	FINISH	ANGULAR ± 1°	BREAK EDGE 0.05 - 0.15mm	PART NUMBER: <b>NRH280DP</b>	SHT 2 OF 2 SHTS
	VOL. (mm <sup>3</sup> )	REF.		LINEAR (MACHINING) 0, mm +/- 0.5 mm 0,0 mm +/- 0.2 mm 0,00mm +/- 0,1mm 0,000mm +/- 0,01mm	FILLET RADS 0.1 - 0.3mm		