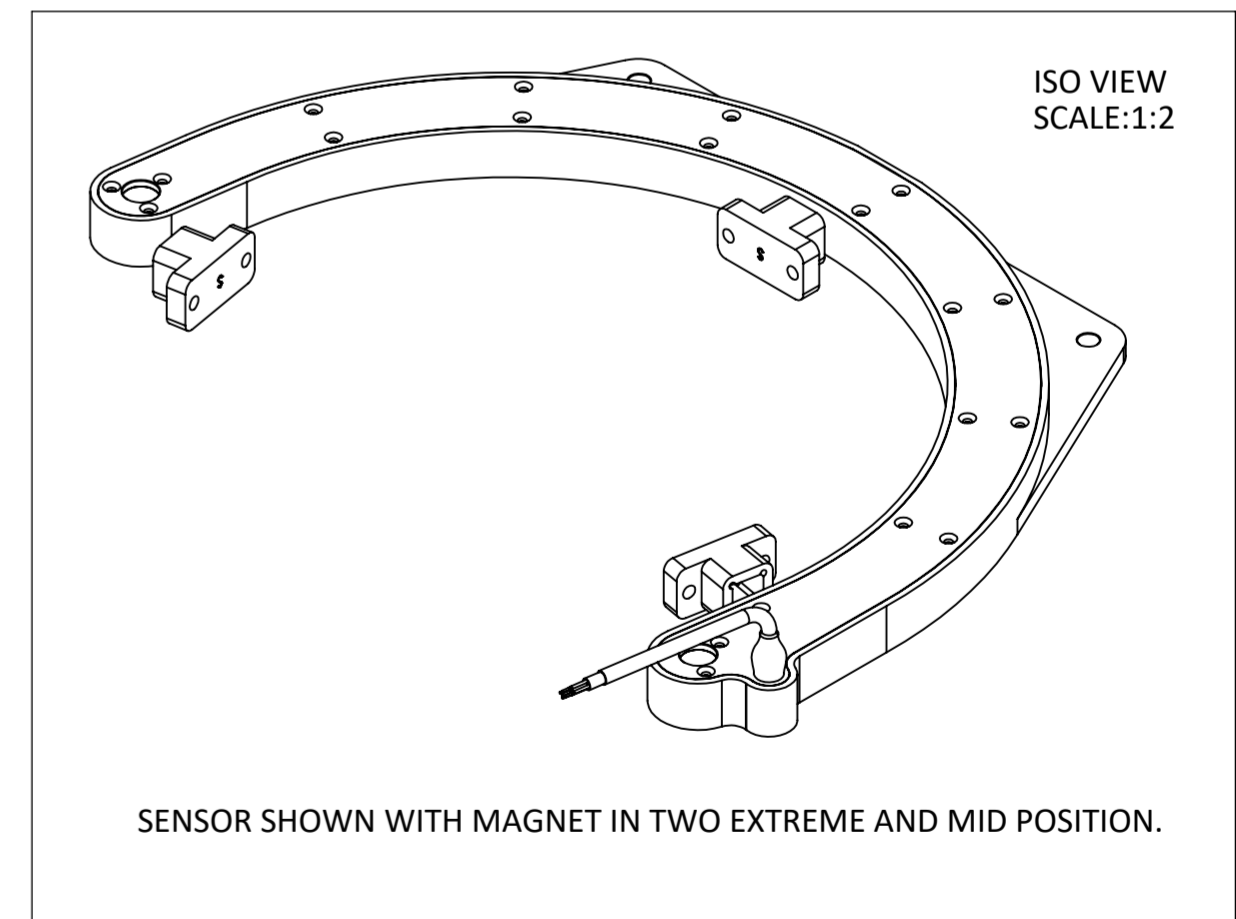


Configuration:	Arc
Calibrated sensing Range:	+/-100 degrees
Air Gap:	~6.0mm (see drawing )
Supply Voltage:	+6 - +31VDC
Resolution:	12 bit
Update Rate:	5kHz
Output:	Analogue. Factory set to 0.25VDC @0° – 4.75VDC @200°
Supply Current:	nom 80mA @ +24VDC
Reverse Polarity:	protected
Sensitivity:	Min. 40mV/degree
Termination:	Flying lead
Wiring:	1m, 5 core 26AWG sleeved in RW-200E
Sensor Dimensions:	Approx. 173mm x 77mm x 13mm (see drawing view)
Housing Material:	AL 6082T6 (Hard anodised)
Mounting:	2 x Customer supplied
Linearity:	+/- 0.4% full scale output
Operating Temperature:	-40 °C to 125 °C
Storage Temperature:	-20 °C to 85 °C
Vibration:	10G from 10Hz to 2,000Hz
Shock:	50 G half sine wave with 11 ms duration
Sealing:	IP67
Part Number:	KZ-050-01
Target magnet assembly:	KZ-055-01

WIRE DESIGNATION	
RED	SUPPLY
BLACK	GROUND
YELLOW	SIGNAL
WHITE	Tx (FOR CONFIGURATION ONLY)
GREEN	Rx (FOR CONFIGURATION ONLY)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ±0.05 ANGULAR: ±0.05		FINISH: <b>HARD ANODISED 50µ</b>	DEBUR AND BREAK SHARP EDGES	REVISION ISSUE	DESCRIPTION	DATE	APPROVED
DRAWN <b>NJM</b>		SIGNATURE	DATE <b>21.08.22</b>	<b>01</b>	<b>FIRST RELEASE</b>	<b>21.08.22</b>	<b>NJM</b>
MATERIAL: <b>6082 T6</b>		DWG NO. <b>KZ-050-01</b>		TITLE: <b>TOW ANGLE SENSOR</b>		A2	
WEIGHT:		SCALE: 1:1		SHEET 1 OF 1			

