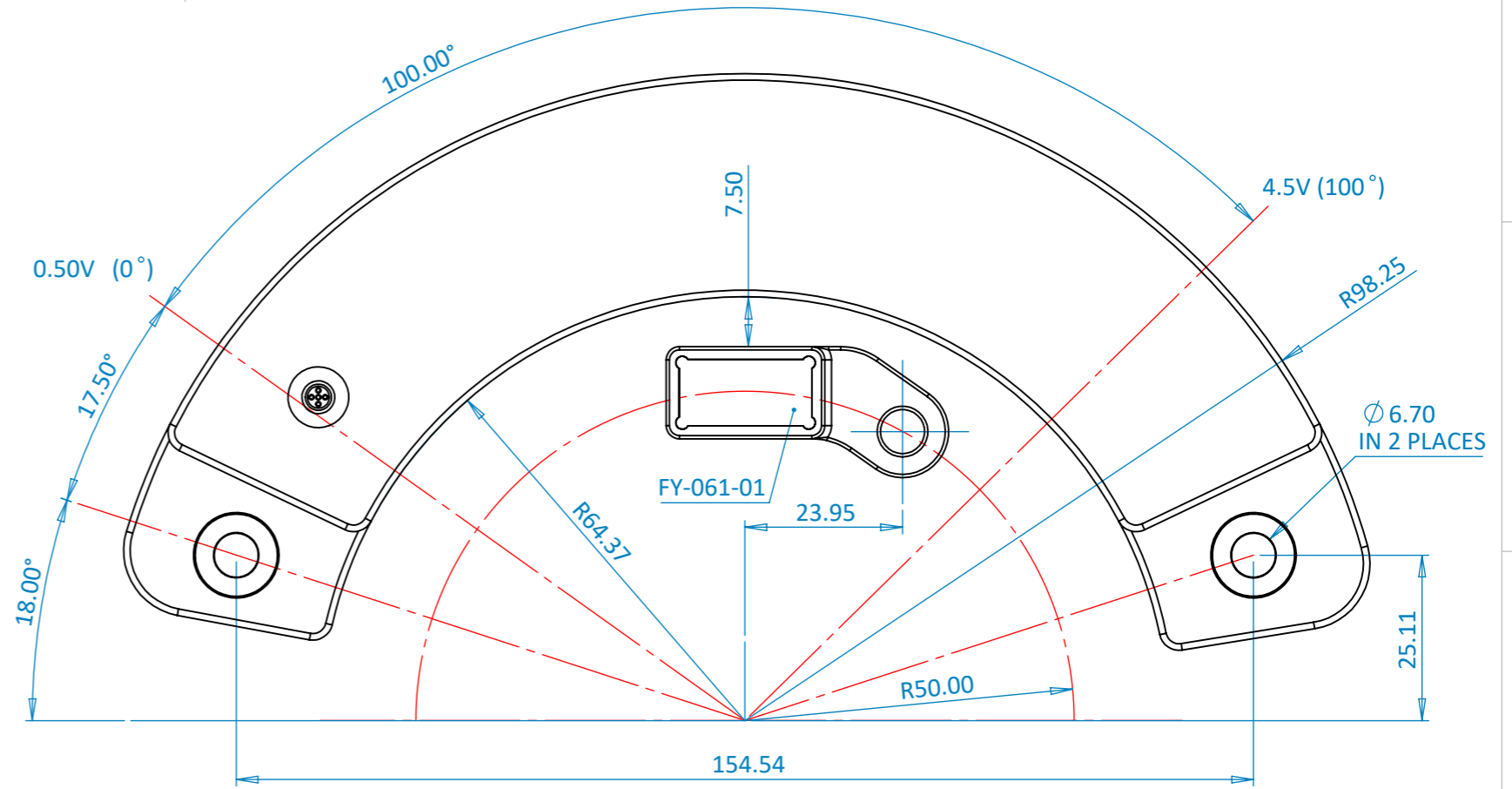
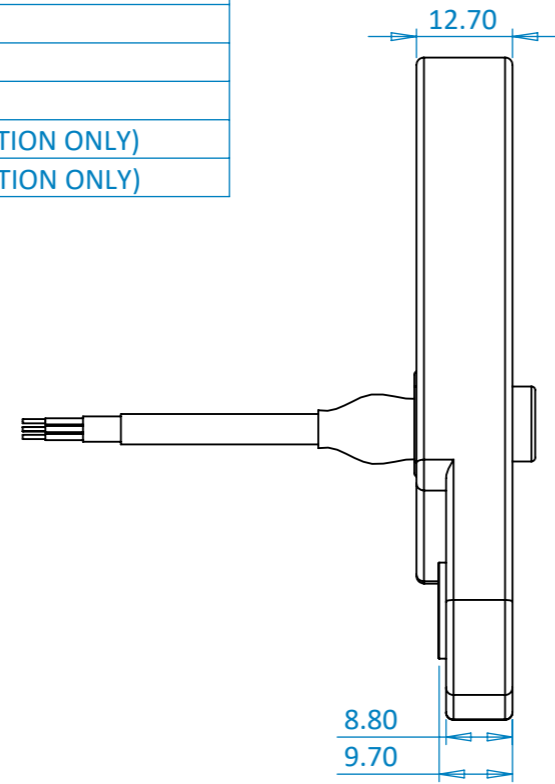
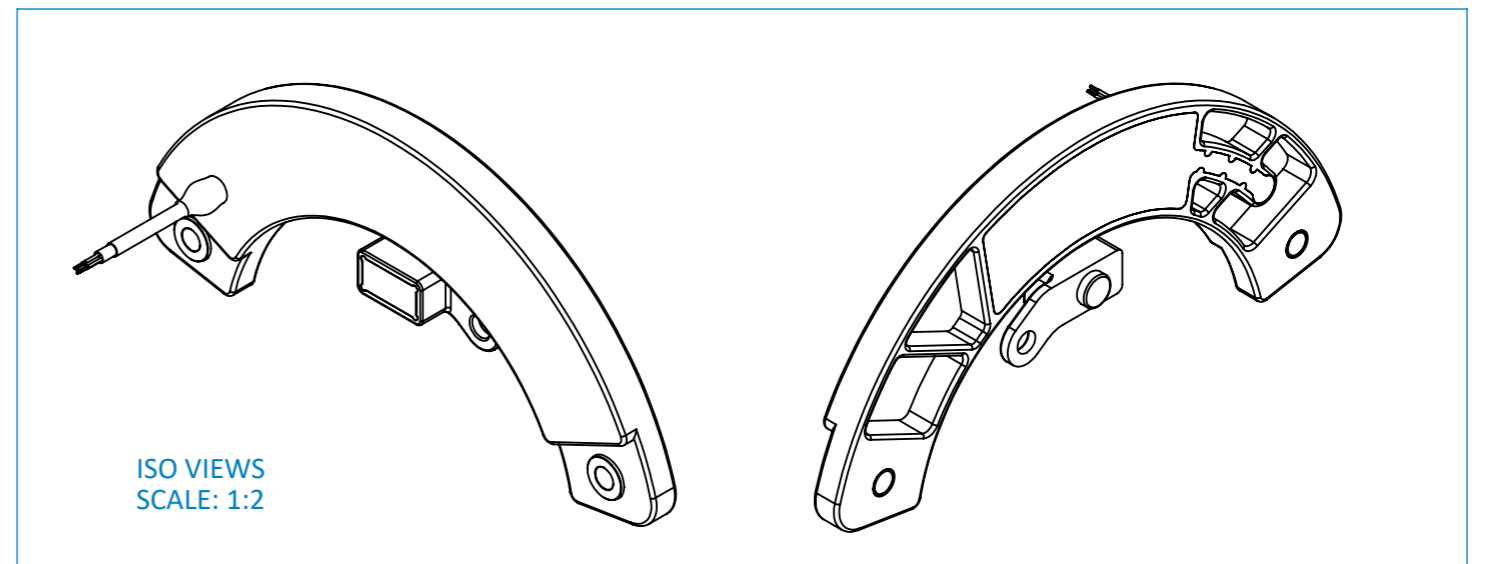


WIRE DESIGNATION	
RED	SUPPLY
BLACK	GROUND
YELLOW	SIGNAL
WHITE	Tx (FOR CONFIGURATION ONLY)
GREEN	Rx (FOR CONFIGURATION ONLY)



Configuration:	Arc
Calibrated sensing Range:	+/-50 degrees
Air Gap:	~7.5mm (see drawing)
Supply Voltage:	+6 - +31VDC
Resolution:	12 bit
Update Rate:	5kHz
Output:	Configurable. Factory set to 0.50VDC @0° – 4.50VDC @100°
Supply Current:	nom 20mA @ +12VDC
Reverse Polarity:	protected
Sensitivity:	Min. 40mV/degree
Termination:	Flying lead
Wiring:	1m, 5 core 26AWG sleeved in RW-200E
Sensor Dimensions:	Approx. 190mm x 98mm x 13mm (see drawing view)
Housing Material:	PA66
Mounting:	2 x M6 or 1/4" screws
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:	KU-010-02
Target magnet assembly:	FY-061-01 (1OFF INCLUDED PER ASSEMBLY)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ±0.4 ANGULAR: ±0.4		FINISH: M/C	DEBUR AND BREAK SHARP EDGES	REVISION ISSUE	DESCRIPTION	DATE	APPROVED
DRAWN CHK'D APPV'D MFG Q.A		NAME NJM	SIGNATURE	DATE 16.3.22	01 02	FIRST RELEASE ADDED MAGNET ASSEMBLY TO DWG	16.3.22 22.4.22 NJM NJM
MATERIAL: PA66				TITLE: 100° TMR ARC SENSOR ASSEMBLY			
WEIGHT:				DWG NO. KU-010-02		A3	
				SCALE: 1:1		SHEET 1 OF 1	

