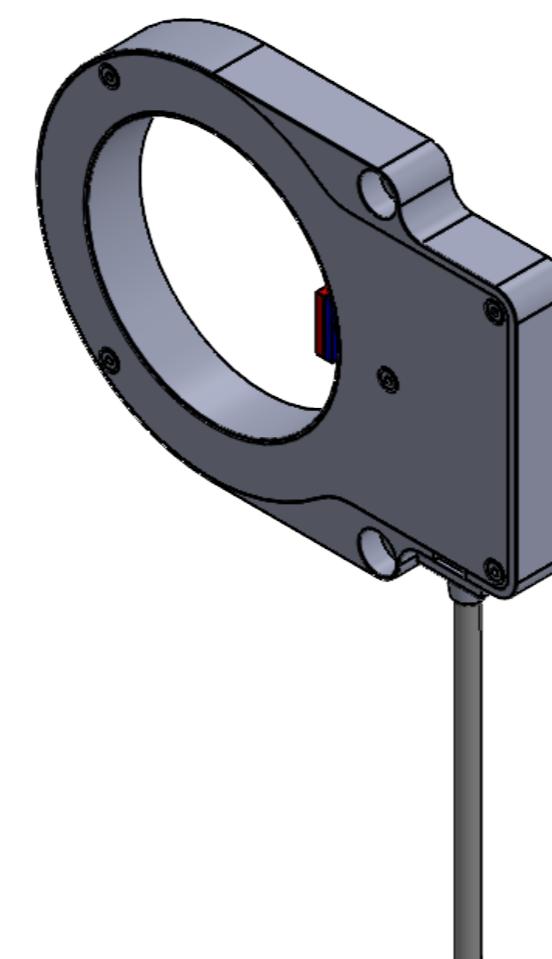
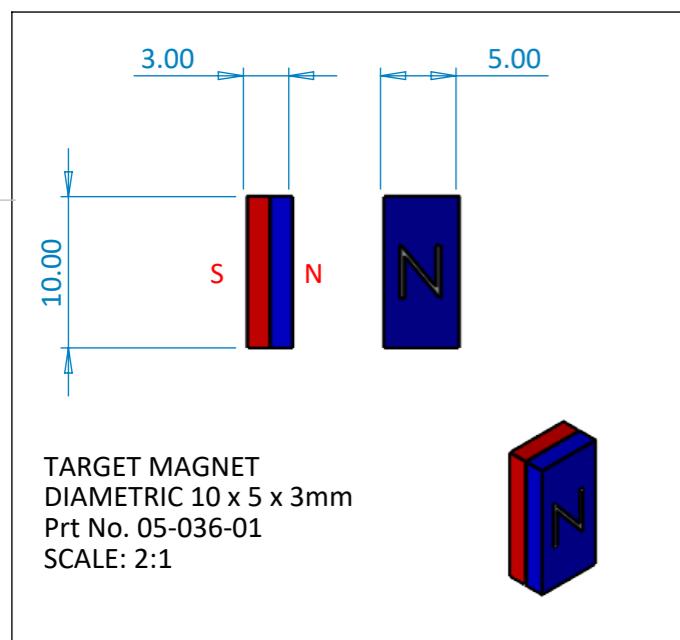


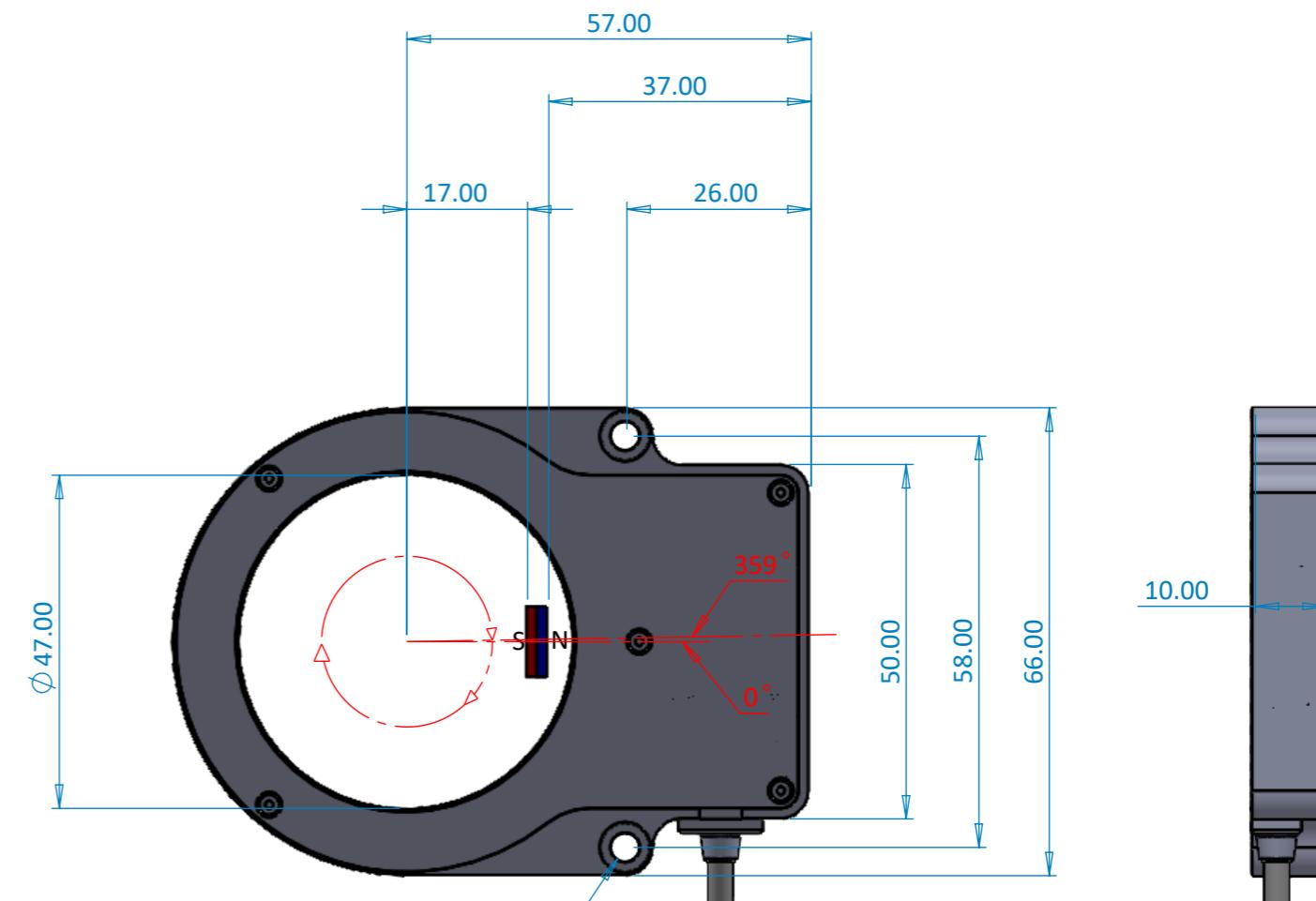
Configuration:	Rotary
Sensing Range:	0-359.9 °
Air Gap:	1.5mm between sensor ID and magnet
Supply Voltage:	+6VDC to +31VDC
Resolution:	12 bit
Update Rate:	2kHz
Output:	CAN 2.0A & 0.25VDC@0 ° - 4.75VDC@359 °
Supply Current:	nom 40mA @ 12VDC
Reverse Polarity:	Can be connected in reverse for short period without damage.
Sensitivity:	Min. 12.53mV/Degree
Termination:	Flying lead
Wiring:	500mm, 7 core 26AWG, RW200E jacket.
Sensor Dimensions:	Approx. 90mm x 66mm x 10mm (see drawing view)
Housing Material:	Aluminium 6082-T6
Finish:	Sulphuric anodised
Mounting:	2 x M4 cap head screws
Linearity:	+/- 0.4% full scale output
Operating Temperature:	-40 °C to 125 °C
Storage Temperature:	0 °C to 80 °C
Vibration:	10G from 10Hz to 2,000Hz
Shock:	50 G half sine wave with 11 ms duration
Sealing:	IP67
Pressure rating:	3 bar
Part Number:	PU-010-02
Target magnet assembly:	05-036-01



WIRE COLOUR	DESIGNATION
RED	SUPPLY
YELLOW	SIGNAL
BLACK	Gnd
WHITE	Tx (FOR CONFIGURATION ONLY)
GREEN	Rx (FOR CONFIGURATION ONLY)
BLUE	CAN HIGH
PURPLE	CAN LOW

FACTORY CALIBRATION SETTING:
WITH TARGET POSITIONED AS SHOWN BELOW OUTPUT: 0.25V

VOLTAGE WILL INCREASE WITH MAGNET ROTATED IN CLOCKWISE
DIRECTION UP TO 4.75V OVER 359 °



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ± 0.05 ANGULAR: ± 0.05		FINISH:	M/C		DEBUR AND BREAK SHARP EDGES	REVISION ISSUE	DESCRIPTION	DATE	APPROVED
DRAWN	NAME	SIGNATURE	DATE	DRAWN					
CHK'D			28.8.25	CHK'D					
APP'D				APP'D					
MFG				MFG					
Q.A				Q.A					
© DESIGN COPYRIGHT RESERVED Revotec Ltd Unit 34, Downton Business Centre Salisbury Wiltshire SP5 2HZ TEL: +44(0)1725 510321 Email: info@revotec.com Website: www.revotec.com		MATERIAL:		ALUMINIUM OR PEEK		DWG NO.	TITLE: Q360 STEERING SENSOR		
							DWG NO. PU-010-02		
							A3		
							SCALE: 1:1		
							SHEET 1 OF 1		