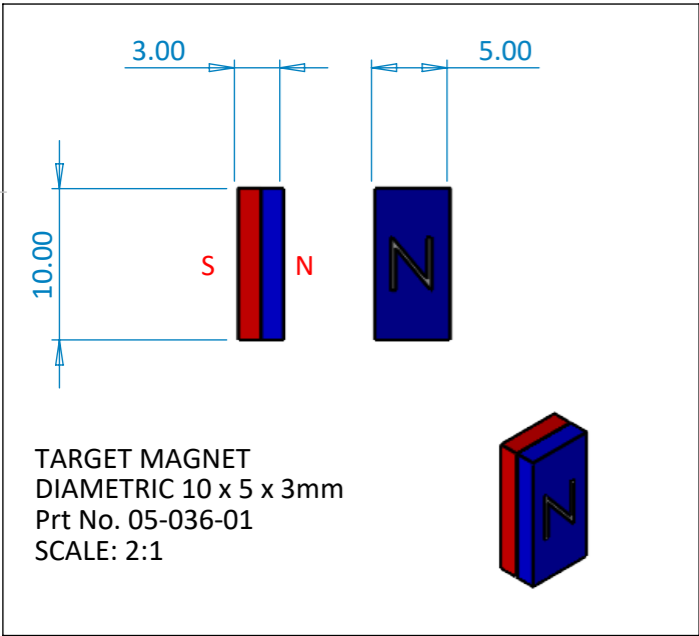
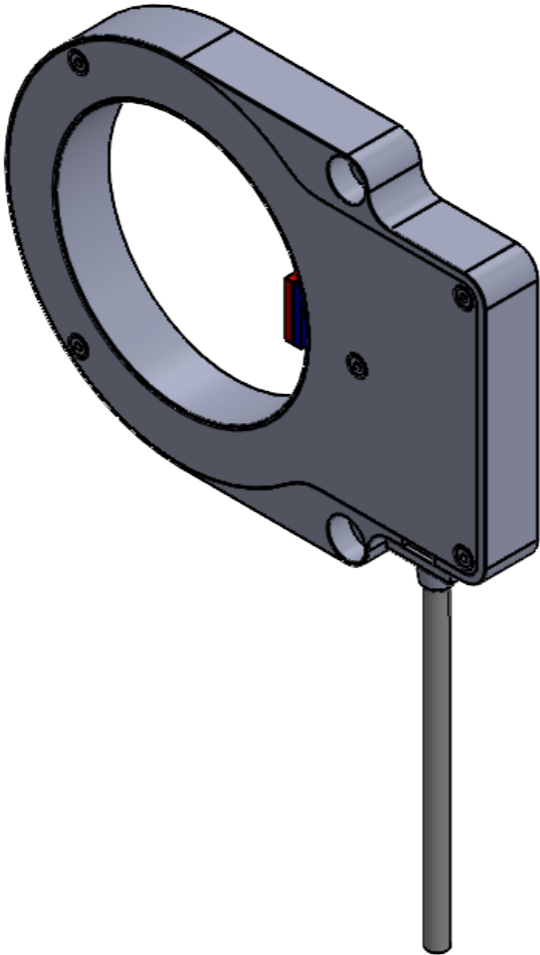


Configuration:	Rotary
Sensing Range:	0-359.9°
Air Gap:	1.5mm between sensor ID and magnet
Supply Voltage:	+6VDC to +31VDC
Resolution:	12 bit
Update Rate:	2kHz
Output:	CAN 2.0A & 0.25VDC@0° – 4.75VDC@359°
Supply Current:	nom 40mA @ 12VDC
Reverse Polarity:	Can be connected in reverse for short period without 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

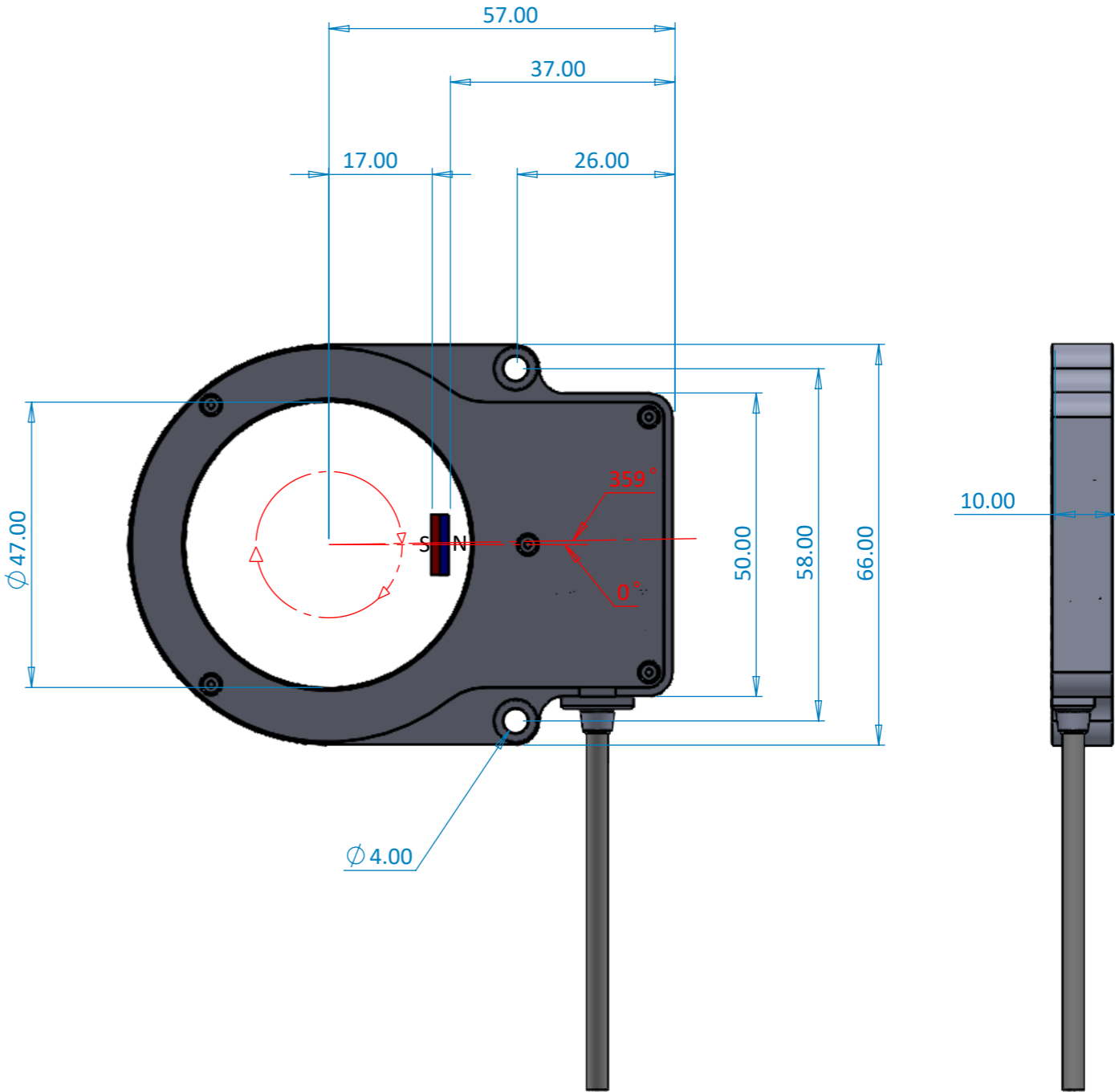



WIRE COLOUR	DESIGNATION
RED	SUPPLY
YELLOW	SIGNAL
BLACK	GnD
WHITE	Tx (FOR CONFIGURATION ONLY)
GREEN	Rx (FOR CONFIGURATION ONLY)
BLUE	CAN HIGH
PURPLE	CAN LOW



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	
								01		FIRST RELEASE		28.8.25		NJM			
								02		UPDATED DIMENSIONS		16.10.25		NJM			
		NAME		SIGNATURE		DATE		 THIRD ANGLE		TITLE: <							