| 1 | 2 | 3 | | 4 | | 5 | | 6 | |
|------------------------------|---|--|--------------|-----------------|-----------------|---------------------------------|----------------------------|--------------------------|-------------|
| | | | | | | | | | |
| | | | | , | | | | | |
| | RGET MAGNET (05-009-02) | /NOTE ETCH DETA | AIL | <u> </u> | | | | | |
| POS | ITION ON AXIŚ | | | | | | T | | |
| - | | | D | | (05-00) | 9-02) | | | |
| OUTPUT 4.5VE | | | | | | | | | |
| | | | | | | | (4 | .8) | |
| OUI | PUT INCREASE | $\begin{array}{c}$ | | | | , I | (3 | 8) | |
| | V/IE | EW D | | | (ϕ) | 4.1) | | | |
| | VIL | | | | 4 | | | | |
| - | | | | | | | | 8 | |
| | | | | | 35) | 2 | | ntec 2000-01 VK:SN | Ð |
| Configuration: | Rotary | | | | | | XV | | <u>(R3</u> |
| Sensing Range: | 0-359° (configurable see No | ote 1) | | | | | \sim | | |
| Air Gap: | <3mm (Refer to Set-Up Drav | wing CC-091-01) | | | | | <u></u> | Ť | (Ø 29 |
| Supply Voltage: | 5VDC ±0.25VDC Regulated | | | | | | | | |
| Resolution: | 12 bit | | | | - | | | | |
| Update Rate: | 5kHz | | | | | | | 1 1 0 2 | 1) |
| Output: | 0.5 – 4.5VDC analogue (conf | figurable see Note 1) | | | (500) e Note | | | (Ø3 | .4 / |
| Supply Current: | nom 25mA | | | | 0 | | | | |
| Reverse Polarity: | Connector optional / cable l | ength 0.5m | | | (Se | | | | |
| Sensitivity: | Min. 11mV/Degree | | | | | | | | |
| Termination: | Connector optional / cable l | ength 0.5m | | | <u> </u> | | | | |
| Wiring: | 0.5m, 5 core 24 AWG Habia, | , sleeved in FEP. | | | | | | | |
| Sensor Dimensions: | Approx. 48mm x 35mm x 9n | nm (see drawing view) | | | | | | | |
| Housing Material: | Aluminium 6082-T6 | | | | | | | | PI |
| Finish: | Anodised Black | | | | | | | | |
| Mounting: | 2 x M4 (see drawing) | | | | | | | | |
| Linearity: | +/- 0.4% full scale output | | | | | | | | |
| Operating Temperature | : -40 °C to 150 °C | | | | | | | | |
| Storage Temperature: | -40 °C to 125 °C | | | | | | | | |
| Vibration: | 10G from 10Hz to 2,000Hz | | | | | IERAL TOLERANCES | FINISH: | | DEBUR & B |
| Shock: | 50 G half sine wave with 11 | ms duration | | | | DIMENSIONS IN mm ISO 2768-fH | | | ALL SHARP E |
| Sealing: | IP67 | | | | | RANCING ISO 8015 | | | |
| Part Number: | CC-105-01 | | | | | S OTHERWISE STATED | | | |
| Target magnet: | Ø10x5mm (Part Number 05 | | | | DRAWN | J. OSBORNE | SIGNATURE | DATE | |
| | Other magnet sizes are avail | | , i d o | | CHK'D | J. OSBORNE | | 30/01/2019 | |
| | Refer to Set-Up Drawing CC- Customers can recalibrate th | | | d the output to | APPV'D | | | | THIRD ANGLE |
| | | DC / max 4.5VDC) if requir | | | MFG | | | | ANGLE |
| | | To facilitate this there is a USB comms box (Pt. No. 07-002-01) and a GUI (free) | | | | | | | |
| Note 1 | To facilitate this there is a U | ISB comms box (Pt. No. 07 | 7-002-01) aı | nd a GUI (free) | Q.A | | | MATERIAL: | AL 6082 T6 |
| Note 1 | | ISB comms box (Pt. No. 07 rawing CC-091-01). | | nd a GUI (free) | | | N COPYRIGHT RESERVED td | MATERIAL: | AL 6082 T6 |

