



SET-UP NOTES

- MACHINE A FEATURE IN THE END OF THE ROTATING SHAFT TO FIT THE MAGNET. SEE DETAIL VIEW IN DRAWING FOR DIMENSIONS. REVENTEC CAN DESIGN AND MAKE ANY CUSTOM ADAPTER TO MOUNT THE MAGNET TO THE CUSTOMERS ROTATING BODY BEING MEASURED.
- FULLY DEBURR, CLEAN AND DEGREASE THE FEATURE MACHINED INTO THE ROTATING SHAFT THAT THE MAGNET IS TO BE FITTED INTO. BOND THE MAGNET INTO THIS FEATURE USING ARALDITE 2014-2 FOLLOWING ADHESIVE DATA SHEET. ALIGN THE TARGET MAGNET ETCH LINE AT START OF SENSING RANGE AS SHOWN IN DRAWING VIEW. IF THIS IS NOT DONE THEN THE OUTPUT MAY BE SEEN TO WRAP. THIS CAN BE ADJUSTED BY USING THE REVENTEC FREE GUI AND PURCHASING THE RELEVANT USB COMMS BOX TO CONNECT THE SENSOR TO THE GUI.
- ENSURE THE Q360 SENSOR IS MOUNTED ON AXIS TO THE MAGNET SHAFT AND IS AS CLOSE TO THE TARGET MAGNET AS POSSIBLE. A GAP OF 0.5mm - 3mm IS ADVISABLE BUT IT IS POSSIBLE TO HAVE LARGER GAPS.
- THE STANDARD TARGET MAGNET IS A Ø10 x 5mm DIAMETRIC MAGNET (REVENTEC PART NUMBER 05-009-02) HOWEVER OTHER SIZES ARE AVAILABLE IF THIS MAGNET DOES NOT SUIT THE CUSTOMERS APPLICATION.

GENERAL TOLERANCES ALL DIMENSIONS IN mm ISO 2768-FH TOLERANCING ISO 8015 Surface Finish $\sqrt{0.8}$ UNLESS OTHERWISE STATED		FINISH:	DEBUR & BREAK ALL SHARP EDGES	ISSUE	DESCRIPTION	ISSUEDATE	APPROVED
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