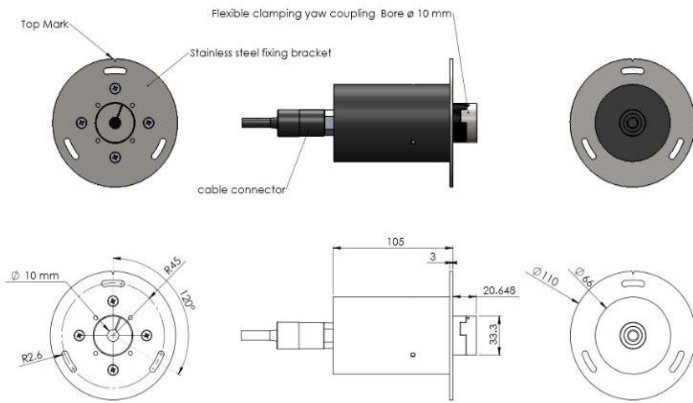


## Underwater Angular Magnetic Encoder with variable embodiments and operational speed up to 30.000 rpm.

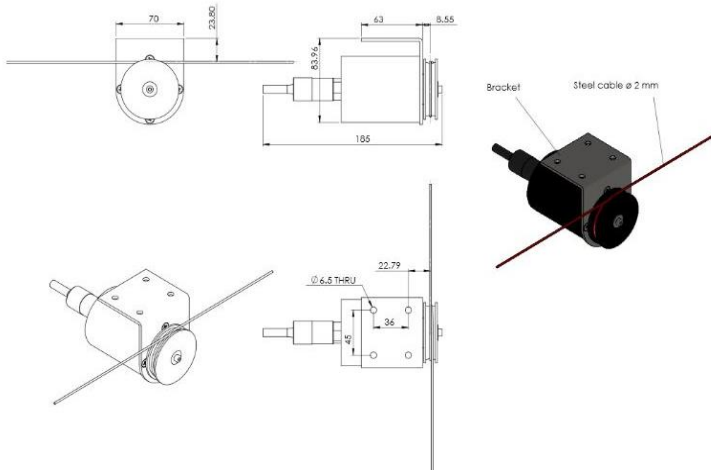
The UWMAD module consists of a magnetic actuator and a separate sensor board. Rotation of the magnetic actuator is sensed by a custom encoder chip mounted on the sensor board, and processed to give the required output format.

The non-contact two part design removes the need for seals or bearings ensuring long-term reliability and simple installation.

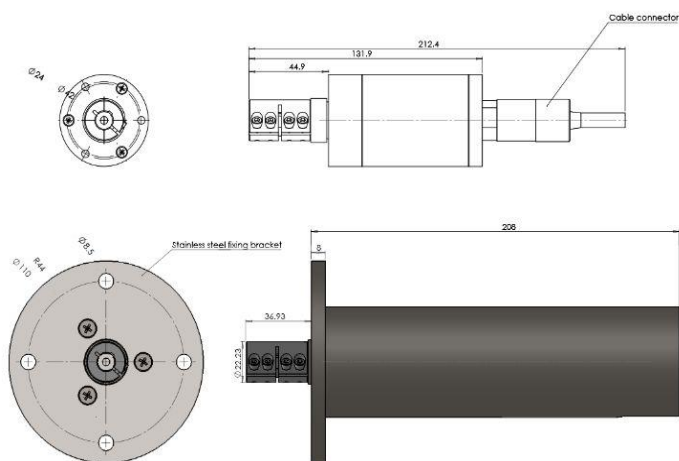
The encoder chip processes the signals received to provide resolutions to 13 bit (8192 positions per revolution) with operational speeds to 30,000 rpm. Resolution options include binary and decimal. Output signals are provided in industry standard absolute, incremental, analogue or linear formats. With a large range of outputs and both 5 V and 24 V power supply variants the unit is easily integrated to existing electronics.



Technical drawing - UWMAD 1



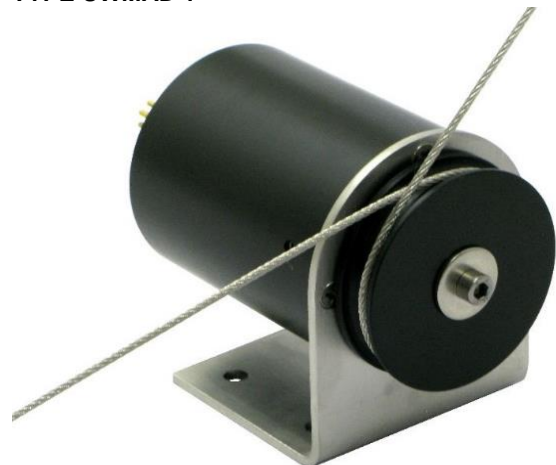
Technical drawing - UWMAD 2



Technical drawing - UWMAD 4



TYPE UWMAD 1



TYPE UWMAD 2



TYPE UWMAD 4