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Cutting costs with Self Aligning Modular Encoders

Most 'kit' encoders are attractively priced but the true cost only becomes apparent when they are mounted onto a servo motor or similar component. To install a 'kit' encoder requires engineering skill and time, especially when the application requires a high accuracy. Various methods have been tried to simplify the mounting using spacer shims and locking mechanisms, but these have not been entirely successful and it still remains a skilled job.

A new approach is offered by Encoder Technology with the introduction of the MG series manufactured by the Japanese MicroTech company. The MG servo encoder is fully self aligning and requires no setup. This modular patented design effectively de-skills the mounting operation and saves on installation time yet offers a viable and cost effective high performance alternative to existing products. It is directly interchangeable with traditional kit encoders. Models in the range are available with resolutions from 100 to 2048 lines with a maximum speed of 6000rpm. There are options of built in commutation signals and 5 VDC line drivers.

The MG series is just one of the range of MicroTech encoders available from Encoder Technology. Other products include a range of encoders from 13mm diameter models through to 200mm diameter (typically for radar positioning). These products compliment Encoder Technology's own U.K. manufactured encoders, thereby enhancing their ability to provide a bespoke solution for each customer.

For further details please look on website www.encoder-technology.com