



Industrial Encoders  
Direct Ltd

# MOTOR ENCODERS

## BLS SERIES "BEARINGLESS" ENCODER

### Features

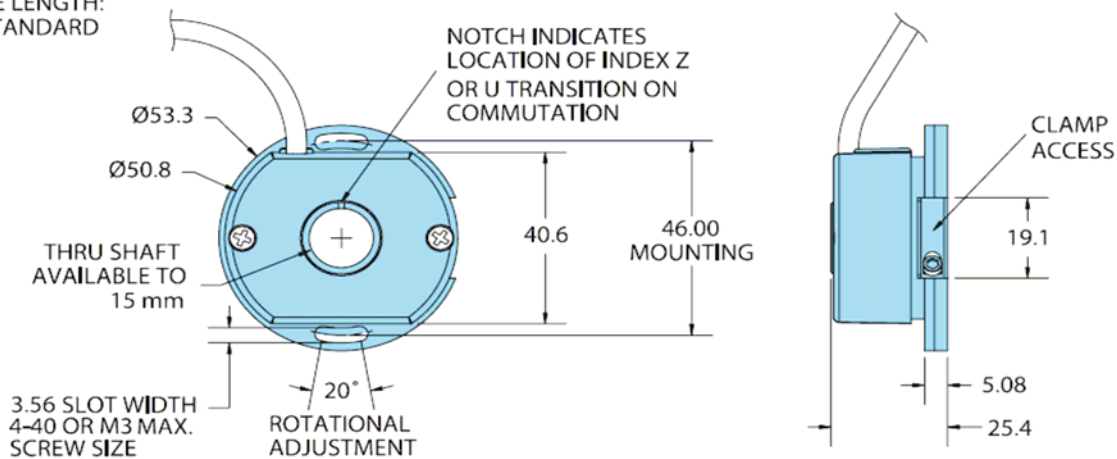
- Simple, Hassle Free Mounting
- Accepts Shafts (up to 15 mm Bore)
- 0° to 100° C Operating Temperature Available
- Commutation Version also Available
- Requires no calibration, gapping, or special tools



The BLS Series is an innovative, reliable modular encoder that requires no calibration, gapping, or special tools to install.

In fact, its Auto-aligning opto-electronics takes the performance of modular encoders to a new level. This new and innovative design provides simple, reliable, hassle free installation.

CABLE LENGTH:  
2M STANDARD



## Installation

Simply tighten the shaft clamp, install the mounting screws, and you're done!

The encoder incorporates the latest Optical ASIC technology for greatly enhanced performance. Common problems with other modular encoder designs are warping and deflection, caused by their extensive use of plastic, both of which are virtually eliminated by the BLS's all metal construction. For brushless servo motor applications, the BLS can be specified with three commutation tracks to provide motor feedback. The optional 100° C temperature capability allows servo motors to operate at higher power outputs and duty cycles.

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