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Smart encoders & actuators

ASB62 absolute encoder for gearless and servo motors

- For efficient position and speed feedback on gearless and servo motors
- space-saving construction with tapered solid shaft and expansion flange
- easy installation and high-precision direct coupling
- incremental version also available

ASB62 is the absolute rotary encoder for position and speed feedback on gearless and servo motors. Tapered solid shaft and expansion flange provide easy and secure installation and eliminate shaft slippage.

ASB62 rotary encoder is designed to be perfectly integrated into motor and servo drive systems.
It has a space-saving low profile and is equipped with a **9.25-mm diameter 1:10 tapered solid shaft**. It is ideal for high-precision direct coupling in constricted spaces and guarantees an absolutely backlash- and slippage-free torsionally rigid mating for increased mechanical and electrical performances.
Furthermore the **expansion flange** makes installation and fastening very easy and functional.
The range of the operating temperature is extended to -20°C +100°C (-4°F +212°F), the protection rate is IP40.

ASB62 offers **20 bit singleturn resolution** and implements SSI and BISS C-mode interfaces. It further provides an additional incremental track (2,048 1Vpp Sine-Cosine signals per turn) for accurate rotor speed control.
ASB62 is ideally suited for elevators and good lifts, robotics and automation in general.

Incremental version is also available. CB62 has identical mechanical configuration and provides 1Vpp Sine-Cosine signals (2,048 periods per turn) for speed feedback. In addition it delivers absolute position information (CD signals) to control the rotor.