

ESC17 Safety - Encoder with extra safety for HMI



EBE's ESC17 Safety miniature encoder offers redundant, wear-free signal generation from two independent magnetic sensors for rotation and switch/push signals with a heartbeat signal for failure detection, ultimately adding to the safety of your HMI.

Technical Specifications

- Dimensions: LxW 17mm x 19mm; Height approx. 12mm behind front panel
- Central Mounting M10x0,75mm
- Wear-free signal generation by two magnetic sensors
- Heartbeat signal with failure detection code
- Long-life MIL approved ball detent mechanism
- 16 detents per revolution (customizable)
- Ø 6mm stainless-steel shaft (customizable)
- A/B rotation signal and switch signal
- Shaft and panel seal for IP protection
- Standard connector ZIF (customizable)
- One separate pin for ESD grounding
- VCC 5V DC max. 40mA



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