

# Featured Products Bulletin

## ENCODERS

### New Bourns® H-832-4 EMS22 Design Kit Released

Riverside, California - August 15, 2011 - In continued support of the Industrial Market Segment, Bourns® Sensors and Controls Product Line is pleased to announce the release of the [H-832-4 Model EMS22 – 22 mm Rotary Magnetic Encoder Design Kit](#). Each kit has a selection of magnetic encoders to provide designers with output options.

Bourns® Model EMS22 is designed for use in harsh environmental conditions, providing reliability and excellent performance over traditional optical and contacting encoders. Typical applications include industrial automation, medical equipment, marine equipment, test and measurement, power tools, robotics, and material handling equipment.

Bourns® H-832-4 Model EMS22 Design Kit contains:

PART NUMBERS	OUTPUT TYPE	QTY.
EMS22A50-B28-LS6	Absolute	1
EMS22D51-D28-LT5	Direction/Step	1
EMS22P50-B28-LS6	Pulse-Wave Modulation	1
EMS22Q51-D28-LW4	Quadrature	1



This new design kit is now available. Complete data sheets for each part included in the design kit can be found on the Bourns website at [www.bourns.com](http://www.bourns.com). For your convenience, a Distribution Price list with prices, minimums and multiples is attached. For additional information, the [Bourns® Model EMS22 short form brochure](#) can be found in the library section of the Bourns website.

Should you have any questions or need additional information, please feel free to contact [Customer Service/ Inside Sales](#).

#### EMS22 Features

- 3.3 and 5 VDC voltage supply option
- Bushing or servo mount
- Non-contacting magnetic technology
- Small size
- CMOS and TTL compatible
- Long life
- High operating speed
- Highly repeatable
- Sealed option
- RoHS compliant\*

#### Applications

- Material handling equipment
- Brushless DC motor commutation
- Robotics
- Automotive
- Industrial automation
- Petroleum refinery
- Medical
- Office equipment
- Audio and broadcast equipment

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