

Design Kit Release

ENCODERS



Bourns Re-Releases Design Kit H-832-3 Containing Model EM14 & ES14 Rotary Optical Encoders

Riverside, California - May 16, 2016 - In continuing support of the Industrial Market, Bourns Sensors and Controls is proud to announce the re-release of the [H-832-3 Design Kit](#) containing Model [EM14](#) and [ES14](#) Rotary Optical Encoders. Each kit has a selection of EM14 and ES14 part numbers to provide designers with several design options.

The Bourns® Model EM14 is an industrial grade optical encoder suitable for HMI applications. With a wide operating temperature range (-40 °C to +70 °C), long rotational life (up to 1,000,000 cycles), detent option and push switch option, the Model EM14 is a reliable solution for a myriad of applications. Typical applications include select medical equipment, audio equipment, test & measurement equipment, and communications equipment.

The Bourns® Model ES14 is an industrial grade optical encoder suitable for MMI applications. With similar environmental specifications to the Model EM14 and ball bearings for extended cycle life (up to 50,000,000 cycles), the Model ES14 is a long life, reliable solution for many applications. Typical applications include robotics, factory automation, solar and clean energy equipment, and patient mobility equipment.

Design Kit H-832-3 contains:

Part Numbers	Configuration	Quantity
EM14A1D-C24-L032N	Flatted shaft, detents, no switch, 32 PPR	1
EM14COD-E24-L032S	Slotted shaft, no detents, with switch, 32 PPR	1
EM14A1B-C24-L032S	Flatted shaft, detents, bracket, with switch, 32 PPR	1
ES14A0D-E28-L064N	Slotted shaft, no switch, 64 PPR	1

For additional information and performance specifications, Model EM14 and ES14 data sheets can be found on the Bourns website at www.bourns.com. The H-832-3 Design Kit is available now.

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