



Badger Meter

High Resolution Encoders HR-E®, HR-E® LCD, HR-E® LCD 4-20, and HR-LCD 4-20 scaled/unscaled



Badger Meter high resolution encoders and registers provide utilities with more than just a reading. Whether you choose the 9 digit HR-LCD encoders/registers or the 8-dial HR-E mechanical encoder, the devices are designed for use with all current Badger Meter Recordall® Disc Series, Turbo Series, Compound Series, Combo Series and Fire Service meters and assemblies. HR-E, HR-E LCD and HR-LCD 4-20 products are also weather proof, UV resistant and are able to withstand harsh environments including flooded pit installations. Badger Meter encoders are compatible with the ORION product family of endpoints and other approved technologies for a total metering solution.

High Resolution Encoder (HR-E®):

- 8-dial encoder utilizes a non-contact field proven light emitting diode technology.
- Ensures an accurate reading by eliminating friction and wear of traditional mechanical encoders.
- Communicates using the industry standard ASCII communication protocol to provide high resolution encoded output.
- Utilizes a proven sealing technique with a glass and metal enclosure
- Touch compatible with option of 4,5,6,7 or 8 digit reading.

High Resolution LCD Encoder (HR-E® LCD)

- 9-digit LCD electronic encoder is fully electronic, solid-state and field programmable.
- Utilizes industry standard ASCII communication protocol to provide high resolution encoded output.
- Status indicators/alarms can also be sent as part of the encoded output to endpoints capable of receiving extended messages.

High Resolution LCD 4-20 Encoder (HR-E® LCD 4-20):

- 9 digit LCD electronic encoder is fully electronic, solid-state and field programmable.
- Utilize industry standard ASCII communication protocol as well as a 4-20 mA analog output through a dual output wire design.
- Status indicators/alarms can also be sent as part of the encoded output to endpoints capable of receiving extended messages.

High Resolution LCD 4-20 scaled/unscaled Register (HR-LCD 4-20 scaled/unscaled):

- 9 digit LCD electronic register is fully electronic, solid-state and field programmable.
- Produces a scaled or unscaled output as well as a 4-20 mA analog output through a dual output wire design.



Encoder/Register Solutions:

- **High Resolution Encoder (HR-E®)**
- **High Resolution LCD Encoder (HR-E® LCD)**
- **High Resolution LCD 4-20 Encoder (HR-E® LCD 4-20)**
- **High Resolution LCD 4-20 scaled/unscaled Register (HR-LCD 4-20 scaled/unscaled)**

Making Water Visible®

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