EMR4

ELECTRONIC METER REGISTER SYSTEM

CLASS 1 DIVISION 1
AND
UL / ATEX / IECEx
CERTIFIED

Automated Data Capture Made Easy.

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bms
Group of companies

AUTOMATION
OF DATA TO ELIMINATE LOSS

EMR4 ensures that capturing and transmitting transaction data is seamless and simple. Automated data capture, whether direct from the EMR4 or via wireless with Datalink, guarantees the integrity of all delivery data and reduces loss due to antiquated and manual processes. What does this mean for you? No more lost, missing, or miswritten paper tickets.

VERSATILITY
TO MAKE INTEGRATION SIMPLE

EMR4 was designed to simplify operations for its users. With multiple communication ports, programmable relays, pulse outputs, temperature compensation, OBC commands for remote control, and much more built standard into every register, EMR4 provides the versatility required for integration into any type of application.

SECURITY
TO KEEP ASSETS & OPERATIONS SAFE

EMR4 offers the necessary security to keep your fueling assets safe. With a proprietary operating system and optional settings to prevent unauthorized access, the EMR4 eliminates tampering and theft and keeps track of every drop of fuel. Until authorized by built-in password protection or through a peripheral security device, EMR4 will not allow a delivery without proper authorization, protecting your bottom line.

EMR4

ADDITIONAL FEATURES

- Display Head rated for -40° to 60° C
- Remote style Display Head for easy integration into custom installations
- Store hundreds of transactions in built-in, Non-volatile memory
- System design is adaptable to all meters
- Easier programming and data entry with optional keypad
- Optional Electronic temperature compensation – Free with every EMR4
- Currency and Volume Preset Deliveries
- Multiple Product Deliveries on a single ticket
- Built-in support for Multiple Languages
- System text labels and delivery tickets are completely customizable
- Single or Multi-Point Calibration for exceptional accuracy
- Multi-tier Price/Tax/Discount (Percentage, Flat Rate and Surcharge)
- Remote Emergency Start-Stop interface for each Head
- Daisy Chain up to 32 Register Heads in one network
- Multiple Communication Ports (RS 232/485)

KEY FEATURES

- Dual Register Head System - Simultaneous Operation with one IB box
- Global Weights & Measures approval for installation anywhere in the world
- UL, ATEX, IECEx certified
- Class 1 Division 1 certification for approved installation in all mobile and stationary applications
- Two RS-232 communication ports for easy access to data and/or remote control
- Built with integrated Wi-Fi for future wireless accessibility
- Built-in USB for easy, 3-step software upgrades. Software upgrades continuously available on veeder.com at no charge, assuring your system can grow with your needs
- Anti-fog, Nitrogen-purged, Ultra-Bright LED White Backlit Display
- Programmable relays for Electronic Valve Control, Pump Control, and much more
- Three pulse outputs per Display Head each with selectable voltage for XL LED displays, Additive Injection Systems, Tank Level Systems, and more
- Removable connectors for easy field wiring
- Multiple power and ground terminals for easy accessory field wiring
- Enhanced memory and processing power for fast, robust operation

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Select a display head (up to two per IB)

845593-001 ENGLISH -DISPLAY HEAD (UL/cUL, ATEX, IECEx)
845592-001 FRENCH -DISPLAY HEAD (UL/cUL, ATEX, IECEx)
845594-001 SPANISH -DISPLAY HEAD (UL/cUL, ATEX, IECEx)

845593-002 ENGLISH -REMOTE DISPLAY HEAD (UL/cUL, ATEX, IECEx)
845592-002 FRENCH -REMOTE DISPLAY HEAD (UL/cUL, ATEX, IECEx)
845594-002 SPANISH -REMOTE DISPLAY HEAD (UL/cUL, ATEX, IECEx)

Select an IB Box

845760-001 INTERCONNECT BOX (ATEX, IECEx)
845790-001 INTERCONNECT BOX (UL/cUL)

Select an Installation Kit

846000-304 Tokheim, Daniels, Energy Flow Systems (Donavan)
846000-305 Smith Meter, Satam, Avery Hardoll, Petrol Instruments, and Alfons Haar
846000-306 LC, SAMPI, Tuthill, TCS meter kits
845900-308 1 1/2" - 4" Neptune and Liquatech (Existing Mech Temp Comp)
845900-309 1 1/2" - 4" Neptune and Liquatech (Existing Non-Temp Comp)
845900-310 3/4" - 1" Neptune and Liquatech (Existing Mech Temp Comp)
845900-327 Brodie / Brook

Select Accessories (Optional)

845900-002 Kit - Temperature Probe
576010-931 Kit - Slip Printer
576015-011 Kit - Epson Roll Printer
845900-014 Kit - Keypad - Right Side
845900-064 Kit - Keypad - Left Side

Select Wireless Kit (Optional)

0846000-030 EMR4 DataLink Office Kit - 900 MHZ Modem (one per location)
0846000-031 EMR4 DataLink Truck Kit with keypad - 900 MHZ Modem
0846000-032 EMR4 DataLink Truck Kit without keypad - 900 MHZ Modem
0846000-033 High Gain Antenna
0846000-037 DataLink Kit for Displaying and Storing TLS Tank Level Information
0846000-038 DataLink Kit for Direct Serial Connections to a PC from IB Box

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BULK METER SERVICES LTD
Email sales@bms-ltd.com
Phone +44 (0)1233 740149
Web www.bms-ltd.com