EZ DECODER SYSTEM

Bring two-wire technology to more projects than ever before with the revolutionary, low-cost, and hassle-free EZ Decoder System for Pro-C®, ICC2, and HCC controllers.

KEY BENEFITS

• Number of stations:
  - Pro-C: Up to 32, plus master valve
  - ICC2/HCC: Up to 54, plus master valve
• No special wire or connectors required
• No special grounding or surge arrestors required in-line to maximize time and money savings during installation
• Programmable decoders with no need to input individual serial numbers
• P/MV can activate via the two-wire path for distant master valves
• Permits hybrid operations of side-by-side conventional and decoder stations for added flexibility
• EZ-1 decoders have built-in status LED for positive diagnostics

OPERATING SPECIFICATIONS

• Electrical output on two-wire path: 24 VAC, 50/60 Hz
• Two-wire paths to the field:
  - EZ-DM: 2
  - PC-DM: 1
• Wire paths possible over 3,000’ (see wiring chart below)
• Each EZ-1 decoder can activate two standard 24 VAC solenoids
• Operate any two decoders simultaneously for more efficient watering (ICC2 and HCC only)
• Approvals: UL, cUL, FCC, CE, RCM, Industry Canada
• EZ-1 decoders are IP68 rated, submersible
• Warranty period: 3 years

USER-INSTALLED OPTIONS

• Centralus™ with ICC2
• Hydrawise™ with HCC
• ICV or PGV valves
• Pump start relays (PSR)

WIRING TABLE

<table>
<thead>
<tr>
<th>American Wire Gauge</th>
<th>Distance, single solenoid (ft.)</th>
<th>Distance, 2 solenoids per output</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 AWG</td>
<td>908</td>
<td>454</td>
</tr>
<tr>
<td>16 AWG</td>
<td>1,446</td>
<td>723</td>
</tr>
<tr>
<td>14 AWG</td>
<td>2,292</td>
<td>1,146</td>
</tr>
<tr>
<td>12 AWG</td>
<td>3,650</td>
<td>1,825</td>
</tr>
</tbody>
</table>

Note
Distances in the Wiring Table are calculated based on 60 Hz for American Wire Gauge, with a wire temperature of 120°F and a 10% safety factor.

DECODER MODELS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZ-DM</td>
<td>Decoder output module for HCC and ICC2 controllers</td>
</tr>
<tr>
<td>PC-DM</td>
<td>Decoder output module for Pro-C controller</td>
</tr>
<tr>
<td>EZ-1</td>
<td>Single-station decoder with status LED</td>
</tr>
</tbody>
</table>

Compatible with:

- HCC Controller
- ICC2 Controller
- Pro-C Controller

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