EM-PoE | External Mount Power over Ethernet

DYNICS EM-PoE gives you your choice of input (RJ45, M12 X-Code or M12 D-Code), and provides a PoE enabled X-Code output. The input diversity makes it adaptable for various industrial applications. It is also equipped with output over current protection and input reverse voltage protection. EM-PoE is also built in an IP65 rated enclosure making it capable of protecting and transferring power and data efficiently in industrial environments.

Key Features
- Option of 4 RJ45 / M12 D-Coded / M12 X-Coded Inputs
- 4-Port PoE Injector
- Reverse Voltage Protection
- Designed and Assembled in Michigan
- Part Number:
  - EM-POE-4-DCODED-5PIN
  - EM-POE-4-XCODED-5PIN
  - EM-POE-4-RJ45-5PIN

Specifications

<table>
<thead>
<tr>
<th>I/O</th>
<th>4x M12 X-Coded Outputs</th>
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<tbody>
<tr>
<td></td>
<td>4x RJ45 Inputs***</td>
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</table>

***Optional inputs of RJ45 / M12 D-Coded / M12 X-Coded

Power Delivery
- Up to 30W per Port (PoE+)
- Compliant with 802.3at and 802.03af

Data Speed
- Up to 1Gb (100Mb for D-Coded Inputs)

Input Voltage
- 24VDC 4-Pin (Optional 5-Pin)

Output Voltage
- 54V

Ambient Temperature
- Operating: 0° - 50°C (32° - 122°F)
- Non-Operating: -25° - 60°C (-13° - 140°F)

Relative Humidity
- Non-Condensing: 20% - 80%

Shock
- Operating: 10G
- Non-Operating: 15G

Vibration
- Operating: 1.0G from 57~2000Hz
- Non-Operating: 2.5G from 57~2000Hz

Compliance
- European Union Directive 2011/65/EU (RoHS)

Warranty
- 24-Month limited warranty. Extended warranty available, contact DYNICS for details.
EM-PoE
Datasheet

Dimensions, Weight and Power Consumptions

<table>
<thead>
<tr>
<th></th>
<th>Height:</th>
<th>Width:</th>
<th>Depth:</th>
<th>Weight:</th>
<th>Power Consumption:</th>
<th>Current:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM-PoE</td>
<td>3.200”</td>
<td>6.125”</td>
<td>4.830”</td>
<td>3 lbs.*</td>
<td>144 Watts**</td>
<td>8amps</td>
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</tbody>
</table>

*Weights are approximate, contact DYNICS for details.
**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

Specifications

Front View

Back View

Left Side View

Right Side View

Top View

Bottom View

Input 4-Pin

Input 5-Pin

All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.