DeviceNet Module - Type 4X37A

Special Features
• DeviceNet output
• Weighing module for up to 4 digital load cells
• For ATEX and non-ATEX applications
• Plug-and-play installation with Eilersen digital load cells
• Advanced digital filters (configurable)
• A “Digital Junction Box” that can be mounted near the load cells or in a central panel
• Small Form Factor
• Setup via dip switches
• For ATEX when supplied by power supply type 4051A
• The power supply 4051A and module type 4X37A must be installed outside the hazardous zone
• Application software can be made by request

Inputs
• Up to 4 coaxial connectors for digital load cells
• Power supply 24Vdc, 1A for DeviceNet
• Non-ATEX applications: 24Vdc, 1A
• ATEX applications: Safe power supply 24Vdc, 0.2A from ATEX power supply type 4051A

Module output
• DeviceNet

Order information

<table>
<thead>
<tr>
<th>No of load cells</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>4137A</td>
</tr>
<tr>
<td>2</td>
<td>4237A</td>
</tr>
<tr>
<td>3</td>
<td>4337A</td>
</tr>
<tr>
<td>4</td>
<td>4437A</td>
</tr>
</tbody>
</table>
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Dimensions (mm)

Parameter | Unit | Data
---|---|---
Application |  | 4000 generation load cells and modules
DeviceNet Power Supply | Vdc | 24Vdc +/- 10%, 1A
ATEX: Safe Power Supply |  | ATEX certified power supply type 4051A
Non-ATEX: Standard Power Supply | Vdc | 24Vdc +/- 10%, 1A
Operating Temperature Range | °C | -20 to +50
Weight | g | 500
Housing |  | Anodized Aluminum
Mounting |  | Mounting base or DIN rail

Standard Software Versions**

<table>
<thead>
<tr>
<th>Version</th>
<th>Description</th>
<th>No. of Load cells</th>
<th>Measuring time</th>
<th>System weight calculation, Zeroing &amp; Calibration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conctr</td>
<td>Transmits individual weight and status of up to 8 load cells every 20 to 2,000 msec. A no. of FIR filters can be activated.</td>
<td>1 ~ 8</td>
<td>20~2,000msec.</td>
<td>Performed in PLC (factors stored in PLC)</td>
</tr>
<tr>
<td>Weight</td>
<td>Transmits total load and system status for up to 8 load cells every 200 msec.</td>
<td>1 ~ 8</td>
<td>200msec.</td>
<td>Performed in module* (factors stored in module)</td>
</tr>
</tbody>
</table>

* On request from PLC
**Application software can be made by request