### Active Input Stations

<table>
<thead>
<tr>
<th>2 channels/4 channels</th>
</tr>
</thead>
</table>

#### Description
- Input station
- 4 channels

#### Supply voltage per AS-i specification
- No load current/total current
  - 29.5...31.5 V
  - -/120 mA
  - 29.5...31.5 V
  - -/120 mA

#### Input Data

<table>
<thead>
<tr>
<th>Sensor voltage</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total sensor current</td>
<td>100 mA</td>
</tr>
<tr>
<td>Switching frequency</td>
<td>-</td>
</tr>
<tr>
<td>Channels</td>
<td>4</td>
</tr>
<tr>
<td>Short-circuit protection</td>
<td>-</td>
</tr>
<tr>
<td>Galvanic isolation</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total sensor current</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 mA</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Switching frequency</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Channels</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Short-circuit protection</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Galvanic isolation</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

#### Output Data

<table>
<thead>
<tr>
<th>Output voltage</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Output current/each channel</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Switching frequency</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Channels</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Short-circuit protection</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Galvanic isolation</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

#### AS-i Specifications

<table>
<thead>
<tr>
<th>AS-i Profile</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data bit 0 connector/active pin</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2 + 4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data bit 1 connector/active pin</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/2 + 4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data bit 2 connector/active pin</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/2 + 4</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Data bit 3 connector/active pin</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/2 + 4</td>
<td></td>
</tr>
</tbody>
</table>

#### Safety Measures

- Reverse polarity protection
- Short-circuit protection

#### Mechanical Characteristics

<table>
<thead>
<tr>
<th>Housing material</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dimensions W x H x D [mm]</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>80 x 45 x 27</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Degree of protection (IEC 60529/EN 60529)</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP 67</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Temperature range</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>-25...+70 °C</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>screws/hat rail</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bus connection</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>to AS-i specification</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Connection to sensors/actuators</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conprox®</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External power supply</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conprox®</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Module type</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>AS-i standard module</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Input station</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Status indication</td>
<td>4 LEDs</td>
</tr>
<tr>
<td>- AS-i voltage</td>
<td>LED</td>
</tr>
</tbody>
</table>

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