Model SC450G [Style: S2]  
Conductivity / Resistivity Converter

Input and Output Connections

**Relay Contacts**

<table>
<thead>
<tr>
<th></th>
<th>32</th>
<th>31</th>
<th>33</th>
<th>42</th>
<th>41</th>
<th>43</th>
<th>52</th>
<th>51</th>
<th>53</th>
<th>72</th>
<th>71</th>
<th>73</th>
</tr>
</thead>
<tbody>
<tr>
<td>NC</td>
<td>C</td>
<td>NO</td>
<td>NC</td>
<td>S1</td>
<td>S2</td>
<td>CONTACTS</td>
<td>S3</td>
<td>S4</td>
<td></td>
<td></td>
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</table>

**Signal mA Outputs**

<table>
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<tr>
<th>63</th>
<th>66</th>
<th>65</th>
<th>62</th>
<th>61</th>
<th>mA2</th>
<th>mA1 (HART)</th>
<th>mA Outputs</th>
</tr>
</thead>
</table>

**Sensor Inputs**

<table>
<thead>
<tr>
<th>22</th>
<th>21</th>
<th>11</th>
<th>12</th>
<th>13</th>
<th>INNER</th>
<th>OUTER</th>
<th>INNER</th>
<th>OUTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTACT</td>
<td>TEMP</td>
<td>SENSOR(S)</td>
<td>ELECTRODE</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Power Supply**

- SC450G-A  (AC power)
- SC450G-D  (DC power)

( Terminals are M3 screw)

Unit: mm (inch)

Hood (Option code: /H5, some cutout on the left side cover)

Adapter for Conduit Work (optional)  (option code : /AFTG, / ANSI, / AM20)

**Drawings**

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Yokogawa Electric Corporation

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Panel cutout

Unit: mm (inch)

Panel mounting diagram (option code: /PM)

Wall and pipe mounting diagram (option code: /U)

(Note) When option code "/UM" is specified, universal pipe/wall/panel mounting kit are supplied---same as option code "/U" and "/PM" both specified.

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = ± (Criteria of tolerance class IT18 in JIS B0401-1986) / 2.