Drawings

Model ZR202G-□□□-□-□-E
Integrated type
Zirconia Oxygen / High Temperature Humidity Analyzer

Reference gas / Except for Pressure compensation

Unit: mm

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = 6 (Criteria of tolerance class it18 in JIS BO401-1986) - 2.

YOKOGAWA Electric Corporation
**Reference gas / with Pressure compensation**

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = 6 (Criteria of tolerance class It18 in JIS BO401-1986).

*Ensure that the flange gasket does not block the reference gas outlet on the detector flange. If the flange gasket blocks the outlet, the detector cannot conduct pressure compensation. Where necessary, make a notch on the flange gasket.*

<table>
<thead>
<tr>
<th>Model, Code</th>
<th>L</th>
<th>Flange Specification</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>t</th>
<th>PIPING</th>
<th>Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZR202G-040-E-E</td>
<td>400</td>
<td>DIN PN10-DN50-A</td>
<td>165</td>
<td>125</td>
<td>4-118</td>
<td>18</td>
<td>A</td>
<td>Approx. 9</td>
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<tr>
<td>ZR202G-070-E-E</td>
<td>700</td>
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<tr>
<td>ZR202G-100-E-E</td>
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<tr>
<td>ZR202G-150-E-E</td>
<td>1500</td>
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<tr>
<td>ZR202G-200-E-E</td>
<td>2500</td>
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<td>ZR202G-250-E-E</td>
<td>3000</td>
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<tr>
<td>ZR202G-300-E-E</td>
<td>4000</td>
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</tbody>
</table>

**HOOD (Option / H)**

Hood Material: Aluminum  
Hood Weight: Approx. 800g

SD 11M12B02-04E 2/3  
• Wiring Diagram

Integrated type Zirconia Oxygen/High Temperature Humidity Analyzer

Contact input 1
Contact input 2

1 DI-1
2 DI-2
3 DI-C

4 DO-1
5 DO-1
6 DO-2
7 DO-2

8 FG
9 AO (+)
10 AO (-)
11 L
12 N
13 G
14 FG

Analog output
4-20 mA DC
Digital output
100 to 240 V AC, 50 or 60 Hz

F28.EPS

The protective grounding for the analyzer shall be connected either the protective ground terminal in the equipment or the ground terminal on the case.
Standard regarding grounding: Ground to earth, ground resistance: 100Ω or less.

• Specified by Option Code

Unit: mm

Detector case
Approx. 100
40
ø48
Calibration gas inlet
Rc1/4 or 1/4NPT
Full open height
58

Detector case
Approx. 44
19
Calibration gas inlet Rc1/4 or 1/4NPT

☐ With stop valve (option : /SV) weight : Approx. 200g
☐ Check valve (option : /CV) weight : Approx. 90g

Unless otherwise specified, differences in the dimensions are specified as: General tolerance = 6 (Criteria of tolerance class it18 in JIS BO401-1986) - 2.