General Specifications

415920, 415921 and 415922
Shunt Resistor for Screw Input Terminal

GS 04P01A01-91EN

■ Overview

415920, 415921 and 415922 are precision shunt resistors, to convert DC current signal to DC voltage.

■ Model and Suffix Codes

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>415920</td>
<td>250 ohm resistance (for 4 mm screws)</td>
</tr>
<tr>
<td>415921</td>
<td>100 ohm resistance (for 4 mm screws)</td>
</tr>
<tr>
<td>415922</td>
<td>10 ohm resistance (for 4 mm screws)</td>
</tr>
</tbody>
</table>

■ Items to Specify when Ordering

Clearly state the model.

■ Characteristics

- Resistance Tolerance: ±0.1 %
- TCR (ppm/°C): ±25 ppm/°C
- Rated Power: 0.3 W
- Allowable maximum current: Model 415920: 35mA, Model 415921: 55mA, Model 415922: 173mA
- Recommended input current: Model 415920: 4-20mA, Model 415921: 10-50 mA,
  Model 415922: 4-20mA/10-50mA
- Rated Ambient Temperature: 70 ºC
- Operational Temperature Range: -25 to +80 ºC
- Storage Temperature Range: -40 to +85 ºC

■ External Dimensions

Unit: mm

Yokogawa Electric Corporation
2-9-32, Nakacho, Musashino-shi, Tokyo, 180-8750 Japan

©Copyright Jan. 2012 (YK)