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## TT-RTD-LP (0 - 500)

**Stock Keeping Unit (SKU):** 603867

*Non-isolated PT100 Transducer*

### Commercial Information

|                                     |                     |
|-------------------------------------|---------------------|
| Product Sales Code                  | <b>603867</b>       |
| Package Unit                        | <b>1 pcs.</b>       |
| Customs Tariff Number               | <b>854370900019</b> |
| Weight Per Unit Including Packaging | <b>42 kg.</b>       |

### Technical Information

| General                      |   |
|------------------------------|---|
| Connection Type              | <b>Screw terminal</b>   |
| Protection Class             | <b>IP20</b>   |
| Weight G                     | <b>42</b>   |
| Packaging Quantity           | <b>1</b>  |
| DIMENSIONS                   | --  |
| Case Width Mm                | <b>17,5</b>   |
| Mounting Type                | <b>Panel or Rail</b>  |
| Measurement Error Full Scale | <b>&lt; 0.1% (Full Scale)</b>   |
| Response Time                | <b>&lt; 20ms</b>  |
| Temperature Coefficient      | <b>= 0.02%/°C</b>   |
| Insulation Resistance        | <b>---</b>  |
| Sensor Fault Indication      | <b>3.1 mA (1 wire is broken), 24.6 mA (at least 2 wires are broken)</b> |

### Power Supply

|         |                  |
|---------|------------------|
| Voltage | <b>10-30V DC</b> |
|---------|------------------|

## Environmental Conditions

|                                  |                    |
|----------------------------------|--------------------|
| Operating Temperature            | <b>-20°C +60°C</b> |
| Storage Temperature              | <b>-40°C +75°C</b> |
| Relative Humidity Non Condensing | <b>Max. 95%</b>    |

## Emc Emi

|                                    |                        |
|------------------------------------|------------------------|
| Radiated Emission Test 61000 6 2Ac | <b>2012, 61000-6-4</b> |
|------------------------------------|------------------------|

## Output

|                     |                            |
|---------------------|----------------------------|
| Output Signal       | <b>4-20mA</b>              |
| Linear Output Range | <b>3.6mA - 23.6mA</b>      |
| Max Load            | <b>= 750 Ohm</b>           |
| Ripple              | <b>20 mVPP (@ 750 Ohm)</b> |

## Input

|                             |                         |
|-----------------------------|-------------------------|
| Sensor Type                 | <b>PT100</b>            |
| Connection Method           | <b>2 wire or 3 wire</b> |
| Temperature Measuring Range | <b>0°C +500°C</b>       |
| Sensor Output Current       | <b>&lt;0.6mA</b>        |