

ELECTRONICS PRODUCTS > TRANSDUCERS > PT100 TRANSDUCERS

## TT-RTD-LP-C (0 - 100)

**Stock Keeping Unit (SKU):** 604101

*Non-isolated PT100 Transducer*

### Commercial Information

Product Sales Code	<b>604101</b>
Package Unit	<b>1 pcs.</b>
Customs Tariff Number	<b>854370900019</b>
Weight Per Unit Including Packaging	<b>0.042 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>8,4</b>
Mounting Type	<b>Rail Mounted</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>3 way - 1,5 kV RMS</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>11-30V 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>
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## 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 +100°C</b>
Sensor Output Current	<b>&lt;0.6mA</b>