



# Resistance Temperature Detector (RTD) Terminal Head, socket welded, without extension

**MJ03**

## Description

RTD temperature probe, custom type.  
It is normally installed on pipes or tanks that have provided a female threaded connection. This sensor is one of the most used in the market.

## Applications

- Cold industry
- Chemical industry
- Pharmaceutical
- Food industry
- General industry
- OEM

## Sensor elements and electric specifications

Elements no.	Simple / Double
Thermoelement	Pt100 / Pt1000 DIN EN 60751
Tolerance	Class B (from -70°C to +500°C) Class A (1/2B) (from -50°C to +300°C) Class AA (1/3B) (from 0°C to +100°C) Class 1/10B (from -50°C to +300°C)
Wires no.	2, 3 or 4
Temperature Rating <sup>(1)</sup>	-196 ... + 850°C
Insulation Resistance	≥ 200 MΩ to 100Vdc
Recommended Dip (mm)	6×D1 (fluid); 10×D1 (gas)

<sup>(1)</sup> Knowing the working temperature range can supply the most suitable option for every need. View ranges of options.



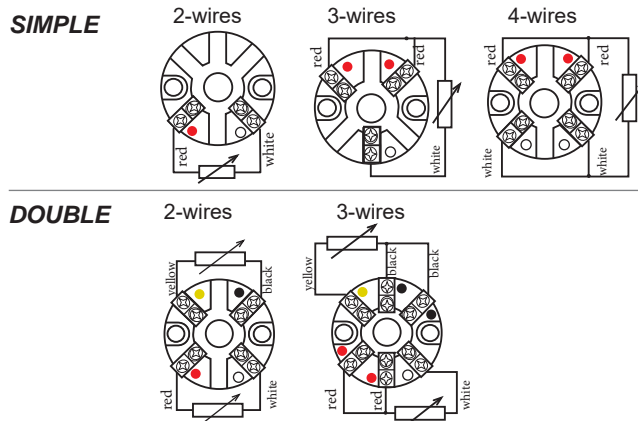
## Mechanical specifications

Material (thread & Tubes)	AISI 316 / 316L
Diameter D1 (mm)	6 - 8 - 10 - 12
Length L1 (mm)	50 - 100 - 150 - 250 - 500
Process connection R	1/4"BSPP - 1/2" BSPP - 3/4" BSPP 1/4"NPT - 1/2"NPT - 3/4"NPT

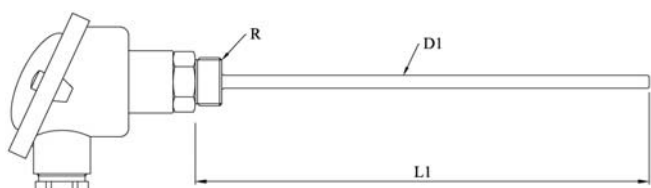
Terminal Head	Form B, according to DIN 43729
Material	Aluminum
Electric connection	M20x1,5

Note: We manufacture custom.  
If you do not find the desired item, please contact us.

## Electric connection



## General drawing



## Mechanical connection

