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**JUMO Instrument Co. Ltd.**

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**JUMO Process Control, Inc.**

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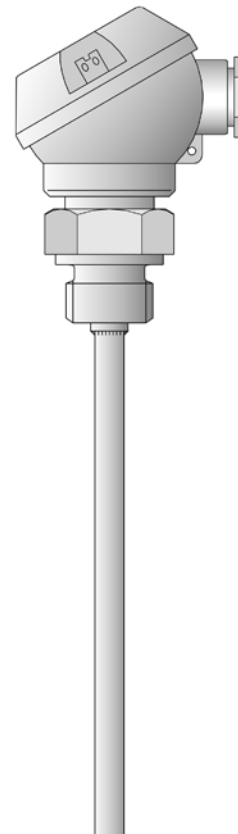


## Screw-in thermocouples with terminal head form J

- for temperatures from -200 to +800°C
- As single or double thermocouples
- Structure isolated or connected with thermowell
- Protection class IP65

Screw-in thermocouples are preferentially used for measuring temperatures in liquids and gases. A decisive selection criterion is the reliable sealing feature of this installation type with vacuum and with overpressure. The application areas are, among others, in the HVAC, kiln and apparatus engineering sector.

The measuring insert is equipped with thermal pairs (thermocouples) according to DIN EN 60 584 and/or DIN 43 710 as a standard. Versions with two thermocouples are also possible.



### Technical Data

**Terminal head**

Form J, die-cast aluminum, M 16x1.5; IP65, ambient temperature -40 to +100°C thread, stainless steel 1.4571

**Process connection**

Stainless steel 1.4571, Ø 6mm

**Protection tube****Measuring insert**

Insulated structure:

- 1 x Fe-CuNi „J“, DIN EN 60 584, cl. 2, operating temperature -200 to +600°C
- 1 x Fe-CuNi „L“, DIN 43 710, cl. 2, operating temperature -200 to +600°C
- 1 x NiCr-Ni „K“, DIN EN 60 584, cl. 2, operating temperature -200 to +800°C
- 2 x Fe-CuNi „J“, DIN EN 60 584, cl. 2, operating temperature -200 to +600°C
- 2 x Fe-CuNi „L“, DIN 43 710, cl. 2, operating temperature -200 to +600°C
- 2 x NiCr-Ni „K“, DIN EN 60 584, cl. 2, operating temperature -200 to +800°C

**Accessories**

Thermowell, Data Sheet 90.9721

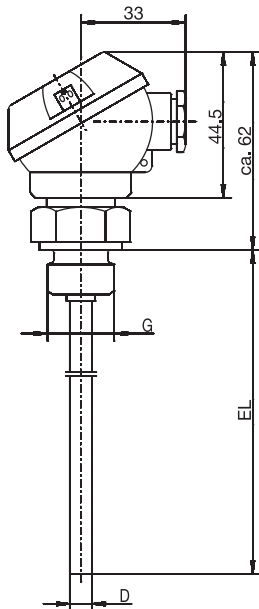
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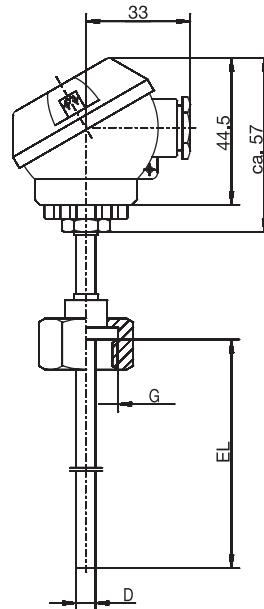
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## Dimensions



**Type 901030/10**



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