

## TC-Assembly S.A.Style TLSC2



More information and current pricing:

[www.de.endress.com/TLSC2](http://www.de.endress.com/TLSC2)

### Benefits:

- Various types of thermocouples: Type J (Fe-CuNi), type K (NiCr-Ni), type N (NiCrSi-NiSi) or type T (Cu-CuNi)
- Sheath material ANSI 316SS or 310SS, INCONEL 600
- Customized immersion length

### Specs at a glance

- **Accuracy** class 1 acc. to IEC 60584
- **Response time** depending on configuration
- **Max. process pressure (static)** at 20 °C: 10 bar (150 psi) without thermowell
- **Operating temperature range** Type J: -210 ...760 °C (-346 ...1.400 °F) Type K: -270 ...1.100 °C (-454 ...2.012 °F) Type N: -270 ...1.100 °C (-454 ...2.012 °F) Type T: -270 ...400 °C (-454 ...725 °F)
- **Max. immersion length on request** up to 90.000 mm (3.543,31")

**Field of application:** Easy installation - with adjustable compression fitting or without process connection - various diameter inserts and customized immersion lengths lead to a high flexibility. Suitable for use in the ferrochrome industry.

## Features and specifications

### Thermometer

#### Measuring principle

#### Characteristic / Application

S.A. Style

universal range of application

usable with or without a thermowell

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**Thermometer****Thermowell / protection tube**

to use with or without thermowell (can be ordered separately)

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**Insert / probe**

mineral insulated (MI), flexible

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**Max. immersion length on request**

up to 90.000 mm (3.543,31")

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**Material protection tube/ thermowell**

1.4401 (316)

1.4841 (310)

Alloy 600 (2.4816)

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**Optional coating**

Not defined

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**Process connection**

Adjustable compression fitting:

NPT 1/8"

NPT 1/4"

NPT 3/8"

NPT 1/2"

G1/2"

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**Tip shape**

straight

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## Thermometer

### Operating temperature range

Type J:

-210 ...760 °C

(-346 ...1.400 °F)

Type K:

-270 ...1.100 °C

(-454 ...2.012 °F)

Type N:

-270 ...1.100 °C

(-454 ...2.012 °F)

Type T:

-270 ...400 °C

(-454 ...725 °F)

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### Max. process pressure (static)

at 20 °C: 10 bar (150 psi) without thermowell

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### Accuracy

class 1 acc. to IEC 60584

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### Response time

depending on configuration

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### Integration head transmitter

no

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### Certification

EN10204 3.1 Material traceability

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