

Thermocouple with protection tube Type 29

for low mechanical load

Thermocouple with protection tube and replaceable sensor unit consisting of:

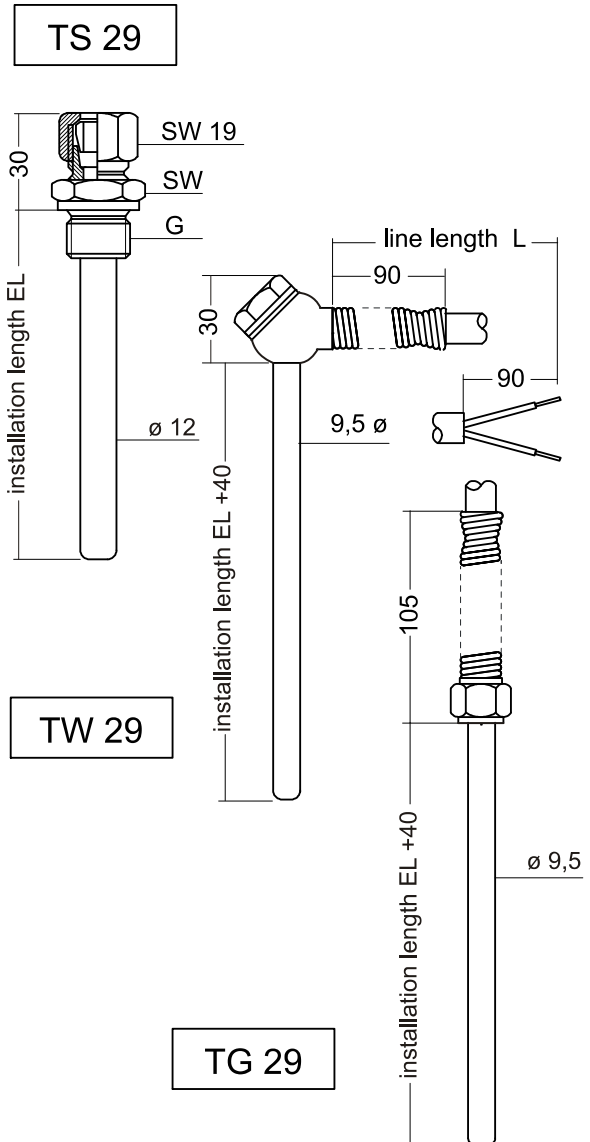
Protection tube: Type TS29, according to drawing S210-29-1, material 1.4541 / 1.4571, temperatures up to 800 °C

Measuring insert: Type TW29 or TG29, according to drawing S210-29-2, material 1.4541 / 1.4571, IP 66
 temperatures for element “J” up to 600 °C, for element “K” up to 800 °C.
 Maximum temperature in the connection part 200 °C

| Protection tube TS 29 | | | | |
|-----------------------|-------------------------------|--|-------------------------------|--|
| EL mm | Screw-in thread G1/2 SW 27 | | Screw-in thread G3/8 SW 22 | |
| | Articel - No | | Articel - No | |
| 50 | TS029.001 | | TS029.009 | |
| 100 | TS029.002 | | TS029.010 | |
| 150 | TS029.003 | | TS029.011 | |
| 200 | TS029.007 | | TS029.012 | |
| 250 | TS029.008 | | TS029.006 | |
| Typ | TS8-29-...-R12 | | TS8-29-...-R38 | |

| Measuring insert Type TW 29 | | | |
|-----------------------------|-------------|-------------|--|
| EL mm | 1x Fe-CuNi | 1x NiCr-Ni | |
| | Articel-No | Articel-No | |
| 50 | TM029.039 | TM029.044 | |
| 100 | TM029.040 | TM029.045 | |
| 150 | TM029.041 | TM029.046 | |
| 200 | TM029.042 | TM029.047 | |
| 250 | TM029.043 | TM029.048 | |
| Typ | TWJ6-29-... | TWK8-29-... | |

| Measuring insert Type TG 29 | | | |
|-----------------------------|-------------|-------------|--|
| EL mm | 1x Fe-CuNi | 1x NiCr-Ni | |
| | Articel-No | Articel-No | |
| 50 | TM029.049 | TM029.054 | |
| 100 | TM029.050 | TM029.055 | |
| 150 | TM029.051 | TM029.056 | |
| 200 | TM029.052 | TM029.057 | |
| 250 | TM029.053 | TM029.058 | |
| Typ | TGJ6-29-... | TGK8-29-... | |



! The above items are not included
 Connection line !
 This according the required length, please indicate
 separately.

| Matching connection line | |
|--|-----------|
| J / K : Isulation Silicone /Silicone / metal braid 200 °C max. | |
| ELEMENT | Part-No. |
| 1x Fe - CuNi (J) | LS2-1,5JP |
| 1x NiCr - Ni (K) | LS2-1,5KP |

These thermocouple types are also available
 in different length and as resistance
 thermometers too.