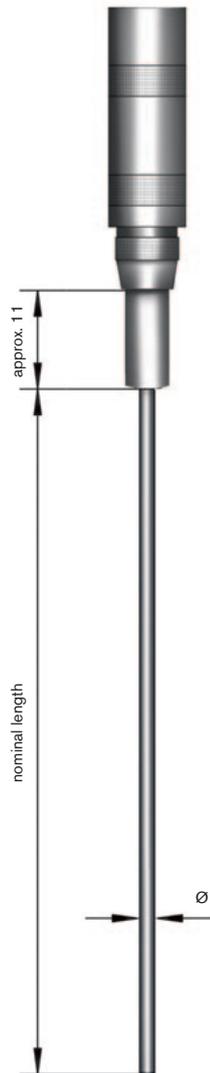


# MINERAL INSULATED THERMOCOUPLES

## MTC 303

Mineral insulated thermocouple with Lemo connection element

<b>thermocouple:</b>	type K or J acc. to DIN EN 60584
<b>measuring tip:</b>	form A insulated or form B welded
<b>measuring temp.:</b>	<b>type K:</b> max. 800°C with sheath material 1.4541 max. 1100°C with sheath material 2.4816 <b>type J:</b> max. 750°C
<b>plug/ socket size:</b>	size 0 with sheath-Ø 0,25 mm – 1,00 mm size 1 with sheath-Ø 1,50 mm – 4,50 mm size 2 with sheath-Ø 6,00 mm



### THERMOCOUPLE:

- 1 x L<sup>(1)</sup>     1 x J     1 x K  
 2 x L<sup>(1)</sup>     2 x J     2 x K     other thermocouples \_\_\_\_\_  
 type L acc. to DIN 43710    type J and K acc. to DIN EN 60584

### SHEATH - Ø:

- 0,25 mm (only type K)     0,4 mm (only type K)  
 0,64 mm     1,0 mm     1,5 mm     2,0 mm  
 3,0 mm     4,5 mm     6,0 mm     other sheath-Ø \_\_\_\_\_

### SHEATH-MATERIAL:

- 1.4541     2.4816     other sheath materials \_\_\_\_\_

### CONNECTION ELEMENT:

- socket size 0     plug size 0  
 socket size 1     plug size 1  
 socket size 2     plug size 2  
 other connection elements \_\_\_\_\_

### ACCESSORIES (FIX):

- without socket/plug housing  
 with socket/plug housing  
 special accessories \_\_\_\_\_

### TYPE OF MEASURING TIP:

- class 1, form A  
 class 1, form B

**NOMINAL LENGTH:** \_\_\_\_\_ mm

<sup>1)</sup> since 04/94 the standard DIN 43710 is no longer valid