# ME 1053 Mantel thermokoppel met 3-polige plug

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|---|---|
| **Mantel** | |
| **Constructie** | Buigbaar. Mineraal geïsoleerd thermokoppel |
| **Materiaal** | RVS 316 - (Wst 1.4401), ook verkrijgbaar in RVS 310, Inconel 600, Hasteloy X, etc. |
| **Isolatie** | MgO |
| **Diameter "D"** | Te specificeren |
| **Lengte "L"** | Te specificeren |
| **Uitvoering / Aansluiting** | |
| **Type** | Standaard 3 polige plug |
| | met ronde pinnen, Model TE 1061 |
| **Montage** | Derde pin voor aarde |
| | Ø 6 en Ø 8 mm met adapter |
| **Thermokoppel** | |
| **Kalibratie** | K, T, J, E, N, U of L |
| **Voor duplex** | KK, TT, JJ, EE, NN, UU of LL |
| **Nauwkeurigheid** | Volgens IEC 60584 klasse 1 |
| **Warme las** | Geïsoleerd |
| **Testen** | Getest op 500 Volt bij 20 °C |
| **Isolatieweerstand** | Minimum 100 M Ohm |
| **Beschikbaar in diameter** | Ø (0,25 - 0,5 - 1,0) * 1,5 - 2,0 - 3,0 - 4,5 |
| | 6.0 en 8.0 mm. |
| | Andere diameters mogelijk |
| | * alleen enkelvoudig |

## Thermokoppel kleurcodes

| Thermocouple Extension Type | | ANSI | IEC |
|---|---|---|---|
| JX | + Iron<br>- Constantan ® | + - | + - |
| KX | + Chromel ®<br>- Alumel ® | + - | + - |
| TX | + Copper<br>- Constantan ® | + - | + - |
| EX | + Chromel ®<br>- Constantan ® | + - | + - |
| NX | + Nicrosil ®<br>- Nisil ® | + - | + - |
| SX<br>RX | + Copper<br>- Alloy 11 | + - | + - |
| BX | + Copper-S<br>- Copper-E | + - | + - |

## Toleranties volgens IEC 584-2

| Type | Class | Temperature range | Fixed value °C | Tolerance to temp. t (°C) |
|---|---|---|---|---|
| T | 1 | - 40°C to + 350°C | ± 0,5 | ± 0,004 ·\|t\| |
| | 2 | - 40°C to + 350°C | ± 1 | ± 0,0075·\|t\| |
| | 3 | - 200°C to + 40°C | ± 1 | ± 0,015·\|t\| |
| E | 1 | - 40°C to + 800°C | ± 1,5 | ± 0,004 ·\|t\| |
| | 2 | - 40°C to + 900°C | ± 2,5 | ± 0,0075·\|t\| |
| | 3 | - 200°C to + 40°C | ± 2,5 | ± 0,015·\|t\| |
| J | 1 | - 40°C to + 750°C | ± 1,5 | ± 0,004·\|t\| |
| | 2 | - 40°C to + 750°C | ± 2,5 | ± 0,0075·\|t\| |
| | 3 | - | - | - |
| K and N | 1 | - 40°C to + 1000°C | ± 1,5 | ± 0,004·\|t\| |
| | 2 | - 40°C to + 1200°C | ± 2,5 | ± 0,0075·\|t\| |
| | 3 | - 200°C to + 40°C | ± 2,5 | ± 0,015·\|t\| |
| R and S | 1 | 0°C to + 1600°C | ± 1,0 | ± [1+0,003·(t-1100)]°C |
| | 2 | 0°C to + 1600°C | ± 1,5 | ± 0,0025·t |
| | 3 | - | - | - |
| B | 1 | - | - | - |
| | 2 | + 600°C to + 1700°C | ± 1,5 | ± 0,0025·t |
| | 3 | + 600°C to + 1700°C | ± 4 | ± 0,005·t |

## Ordering code

*This datasheet is purely indicative, build-up of model code may vary from this datasheet.

| Model | ME 1053 | | | |
|---|---|---|---|---|

Kalibratie

Diameter "D" in mm

Lengte "L" in mm



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