

Sheath

| | |
|--------------|---------------------------|
| Construction | Mineral insulated (MgO) |
| Material | SS 316 standard |
| Diameter | 6.0mm standard |

Connection head

| | |
|-------------|---|
| Model | CE with screw cover or DAN with swing cover |
| Material | Cast aluminium |
| Cable gland | M20 x 1.5 included |

Thermo-element

| | |
|----------------|-----------------------------|
| Calibration | K, T, J, E, N, U or L |
| Accuracy | According IEC 584 |
| Element length | Length " L " standard 525mm |

Strap-on Sleeve

| | |
|------------|-----------------|
| Dimensions | 70 x 14 x 14 mm |
| Material | SS 316 |

Bracket

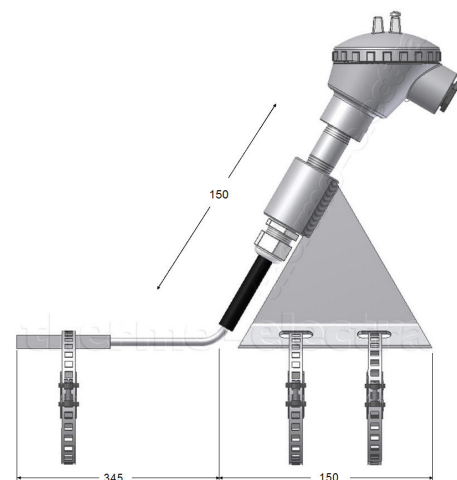
| | |
|---------------|---------------------------------------|
| Mounting | With stainless steel clamps, included |
| Pipe diameter | To specify |

Head extension

| | |
|-------------------|-----------------|
| Material | Stainless steel |
| Length metal part | 70 mm |

Options

| | |
|--------------------|---|
| Certification | Atex explosion proof certified Exe, Exi or Exd |
| Transmitter 4-20mA | In-Head Transmitter, standard or ATEX Explosion proof. Please select from our standard range, see "transmitter" chapter, specify make, model and range. |
| Swing-Cover head | Transmitter direct mounted on measuring insert. |



Thermokoppel kleurcodes

| Thermocouple Extension Type | ANSI | IEC |
|----------------------------------|------|-----|
| JX + Iron - Constantan ® | | |
| KX + Chromel ® - Alumel ® | | |
| TX + Copper - Constantan ® | | |
| EX + Chromel ® - Constantan ® | | |
| NX + Nicrosil ® - Nisil ® | | |
| SX + Copper RX - Alloy 11 | | |
| BX + Copper-S - 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 7095 | | | |
| Calibration | | | | |
| Length "L" in mm | | | | |
| Pipe diameter | | | | |

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