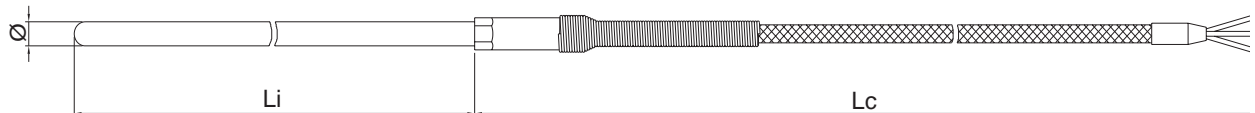


Main features

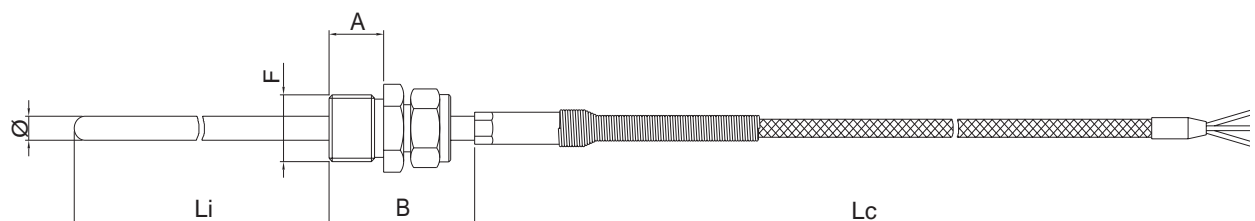
- Temperature limits: - 200 ... + 600° C
- Tolerance: UNI 7937, IEC 751 standards:
 - ± 0.15° C a 0° C for class A (1/2 DIN)
 - ± 0.30° C a 0° C for class B (1 DIN)
 - ± 0.10° C a 0° C for class B (1/3 DIN)
- Compact mineral insulated (MgO) resistance thermometer element (PT100 at 0°C) and continuous metal sheath
- Application versatility

MODELS

TR1M A: without fitting



TR1M B: with adjustable compression fitting



ORDER CODE

CODE

| Model | |
|-------------------------------------|---|
| Without fitting | A |
| With adjustable compression fitting | B |

| Element + Nr. of Wires | |
|------------------------|-----|
| Single 2 wires | 1 |
| Single 3 wires | 2 |
| Double 2 wires | 3 |
| Double 3 wires | 4 * |
| Single 4 wires | 5 |

(* Available with GSC cables)

| Precision Class | |
|--------------------------|---|
| PT100 classe A (1/2 DIN) | A |
| PT100 classe B (1 DIN) | B |
| PT100 classe (1/3 DIN) | C |

| Cable (DIN standards) | |
|-----------------------|---|
| PVC | 1 |
| GSC | 2 |
| Screened GSC | 3 |
| TTS | 5 |
| TES | 6 |

| Sheath Material | |
|-----------------|---|
| AISI 316 | C |

| Sheath Diameter (mm) | |
|----------------------|-----|
| 3 | E * |
| 4.5 | G |
| 6 | I |

(* Not available with double element)

| Connection Thread * | | |
|---------------------|-----------|---|
| 1/8" GAS | "A"= 10mm | A |
| 1/4" GAS | "A"= 12mm | B |
| 3/8" GAS | "A"= 15mm | C |
| 1/2" GAS | "A"= 15mm | D |
| 1/8" NPT | | G |
| 1/4" NPT | | H |
| 3/8" NPT | | I |
| 1/2" NPT | | J |

(* To be shown for B model only)

| Connection Material * | |
|----------------------------|---|
| Nickel-Plated Brass | 1 |
| 300 Series Stainless Steel | 2 |

(* To be shown for B model only)

| Certificates | |
|--------------|--------------------|
| A | Conformity Report |
| R | Calibration Report |
| T | SIT Certificate |

LENGTHS AND ACCESSORIES

| Li = Immersion Length (mm) | |
|--|--|
| Standard length from 50 to 2000mm with 100mm step and from 2000 to 10000mm with 500mm step | |

| Armoured Sheathing (*) | |
|------------------------|---------------------------|
| G * | Stainless Steel Sheathing |

(* Not available with Screened GSC cable
Not available with 3 wires double element)

| Connectors | |
|------------|------------------------|
| A | Standard male |
| B | Standard male + female |
| C | Standard male + panel |

| Lc = Cable length (dm) | |
|--|--|
| Standard length from 10 to 100dm with 5dm step | |

| MOUNT (F) | Mod. B | |
|-----------|--------|--------|
| | A (mm) | B (mm) |
| G 1/8 | 10 | 35 |
| G 1/4 | 12 | 35 |
| G 3/8 | 15 | 40 |
| G 1/2 | 15 | 40 |
| 1/8 NPT | 11 | 35 |
| 1/4 NPT | 16 | 40 |
| 3/8 NPT | 16 | 40 |
| 1/2 NPT | 20 | 45 |

| Availability of Mounts / Sheathing Diameter | | | |
|---|----|------|----|
| Mount (F) | ø3 | ø4,5 | ø6 |
| G 1/8 | x | x | x |
| G 1/4 | x | x | x |
| G 3/8 | - | x | x |
| G 1/2 | - | x | x |
| 1/8 NPT | x | x | x |
| 1/4 NPT | x | x | x |
| 3/8 NPT | - | x | x |
| 1/2 NPT | - | x | x |

GEFRAN spa reserves the right to make any kind of design or functional modification at any moment without prior notice

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