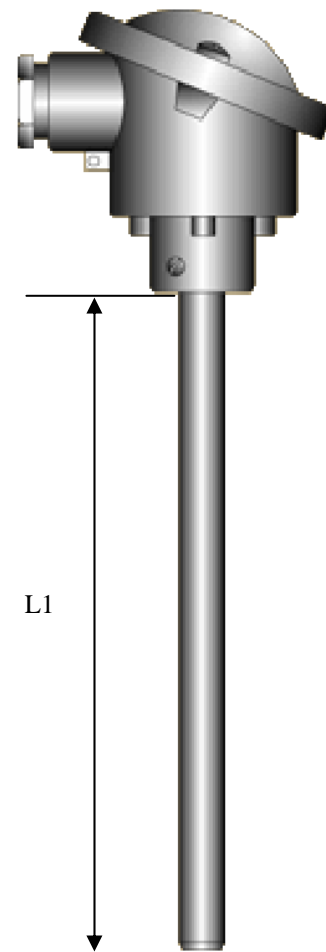


## ITC series

### Push-in thermocouple

Bare thermowells made of various materials the selection of a suitable thermowell material depends on the application conditions

- **Probe type:**  
J, K, N, L, R, S, B DIN IEC 584  
Class 1, single or dual
- **Probe material:**  
Mineral insulated (MgO) cable
- **Operating Temperature range:**  
- 200 to +1600°C.
- **Connection head:**  
Form A DIN 43 729, die-cast aluminium
- **Option:**  
counter flange 22 / 33 / 45 mm  
Transmitter 4 -20 mA loop powered
- **Application:**  
800°C -920°C Food & chemical  
1100°C Oxidizing atmospheres  
750°C Reducing atmospheres  
1150°C Cement kiln & lead baths  
875°C Sulphurous atmospheres



### How to Order ?

| Style | Calibration Insert<br>Ø | Thermowell Matériel   | Thermowell<br>Ø mm     | Length<br>L1 mm | Option        |
|-------|-------------------------|-----------------------|------------------------|-----------------|---------------|
| ITC-  | - J/K/N/L16 (800°C)     | -SS304 (800°C)        | - 6 / 0.5              | -50             | - Flange      |
|       | - J/K/N/L 20 (1000°C)   | -SS316L (920°C)       | - 8 / 0.5              | .               | - Process     |
|       | - J/K/N/L 32 (1250°C)   | -SS310 (1100°C)       | - 12 / 2               | .               | - Transmitter |
|       | - S 0.35 (1400°C)       | -SS 446 (1150°C)      | - 15 / 2               | -2000           |               |
|       | - S 0.50 (1550°C)       | -Inconel 600 (1150°C) | - 21.3 / 2.67          |                 |               |
|       | - R 0.50 (1250°C)       | -Inconel 601 (1250°C) | - 22 / 6               |                 |               |
|       | - B 0.50 (1600°C)       |                       | - 33 / 10<br>- 45 / 20 |                 |               |

**Order Example:** ITC - K32 - SS304 - 22 - 1000 - Flange