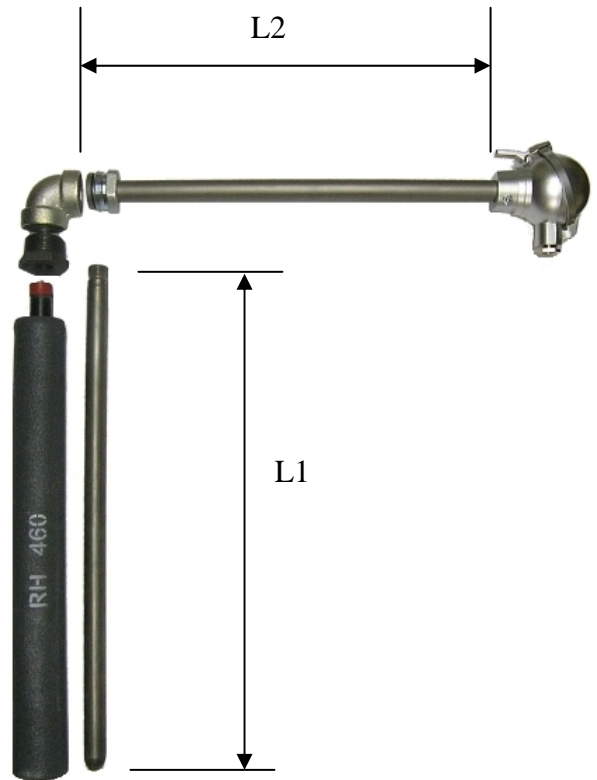


## ATC series

### 90° Angle thermocouple for immersion into liquids

- **Protective sheath:**  
J, K, N, L, R, S, B DIN IEC 584  
Class 2, 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:**
  - Cement furnace: **SS446** up to 1100°C
  - Aluminum, Zinc: **Cast Iron**  
up to 800°C with ceramic coating  
up to 875°C without coating
  - Aluminum, Brass: **Silizum carbide**  
up to 1000°C - Sic with steel inner tube
  - Aluminum, Copper and Brass: **Saylon**  
up to 1300°C



### How to Order ?

Style	Protection Tube	Protection Ø mm	Calibration Ø	Master L1 mm	Slave L2 mm	extras
ATC-	- SS304 (800°C)	- 22 / 2	- J	- 150... 2500	- 50	- 90°
	- SS 446 (1100°C)	- 21.3 / 2.67	- K	- 150...2500	..2000	- straight
	- Cast (850°C)	- 43 / 12	- N	- 305...2440		- process
	- Sic (1000°C)	- 50 / 14	- L	- 305...1370		- Flange
	- Saylon (1300°C)	- 28/ 18,	- S	- 150...1500		-Conn.
			- 22/12	- R		
			- B			

**Order Example:** **ATC** – **Sic** – **50/14** – **K** – **305** – **300** – **90°**