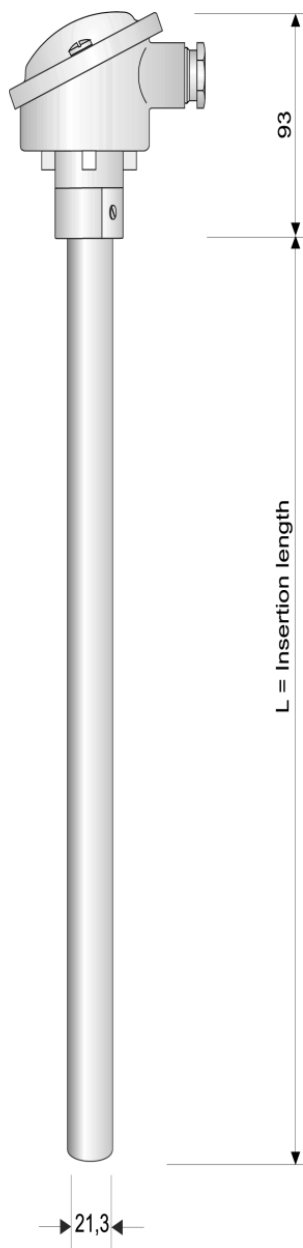




TARP3 series - Straight thermocouple with refractory steel outer sheath and ceramic internal sheath



INFORMATIONS

SENSING ELEMENT

"Thermocouple type J, K or N, single or duplex with tolerance class according to IEC 60584 (EN 60584)"

TEMPERATURE RANGE

0 to 1100 °C

PROTECTION SHEATHS

Stainless steel (if temperature under 600 °C)
Refractory steel (AISI 310, AISI 446 or 253MA)
Diameter ½" (21,3 mm) – wall thickness 2,6 mm
Insertion length: standard 500, 710, 1000, any other length on request
Pythagoras (KER610) impervious internal sheath allows a better protection of thermocouple wires while improving the rigidity at high temperature.

PROCESS CONNECTION

Sliding flange or steel sliding connector

CONNECTION HEAD

Standard DIN type A head (other types available on request) with M20 cable gland.

APPLICATIONS

High temperature ovens – cheap alternative to platinum thermocouples.

OPTIONS

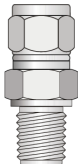
Ex Design



Description	Standard	Your requirements

Thermo element		
Manufacturing standard	☐ IEC / EN 60584	
Type	☐ J ☐ K ☐ N	
Single or double	☐ Single ☐ Double	
Class	☐ 1 ☐ 2	
Temperature range	☐ 0/1100°C (if different, please specify)	

Immersion zone		
"Refractory steel ?"" strenghtened with internal C610 ceramic sheath"	☐ AISI 310 ☐ AISI 446 ☐ 253 MA	
Length	☐ 500mm ☐ 710mm ☐ 1000mm	

Intermediate zone		
Sliding connection devices (option)	☐ Sliding connector - please mention the thread required  ☐ Steel sliding flange  ☐ Not required	

Connection head		
Connection head	☐ Cast aluminium TA11-1 (IP54)	

Connection head		
	 ☐ Cast aluminium TA11-3 (IP68)	
Double cable gland (option)	☐ Yes ☐ No	

Identification		
Identification	☐ Self-adhesive label (standard)	
Tag	☐ PVC tag plate with P&ID number ☐ s.s. tag plate with P&ID number ☐ Not required (standard)	

Other requirements		
Calibration	☐ Not required ☐ Calibration required - please specify the temperature calibration points	
Certificates (option)	☐ Other, please specify ☐ Conformity certificate ☐ Material certificate according to EN 10204 3.1 ☐ None required	
Tests	☐ Pressure test ☐ Other, please specify ☐ Not required	
Others (option)	☐ Please specify	