

FICTIONAL DEMO DOCUMENT - SPECIMEN ONLY. NOT A REAL PRODUCT, APPROVAL OR CERTIFICATE.

TM-210

Thermocouple Assembly

Type K, J and N assemblies for high-temperature process lines.

KEY FEATURES

- Type K, J and N elements
- Mineral-insulated, vibration resistant
- Rugged ceramic terminal block

The TM-210 uses a thermocouple junction for fast response and a very wide range, to 1,100 °C. It suits furnaces, flue gas and exhaust applications.

TECHNICAL SPECIFICATION

MEASUREMENT	
Principle	Thermocouple
Measuring range	-40 to 1100 °C
Accuracy	Class 1 (±1.5 °C or 0.4 %)
OUTPUT	
Signals	4–20 mA
PROCESS	
Connection	Threaded
Process temperature	-40 to 1100 °C
ENVIRONMENT	
Ingress protection	IP65
APPROVALS	
Approvals (demo)	Hazardous-area protection (Ex d)
MEASUREMENT	
Types	K, J, N
Tolerance	Class 1 (±1.5 °C or 0.4 %)
PROCESS	
Sheath	Inconel 600, 3 to 8 mm
Response time T90	< 3 s

Specifications are illustrative demo values created for the INSTRAVA template. Replace with your own product data.