

# RTD Probe Assemblies

ATPC specializes in the design and manufacturing of a wide range of RTD probe connector assembly applications. With ATPC's high-performance cable offerings and a wide range of probe materials and customizations, RTD Probe Connector Assemblies are built to withstand the most extreme temperature sensing applications



**Engineered to Resist**

- Abrasion
- High Temperature
- Cold Temperature
- Chemicals

**Features & Benefits**

**ATPC High-Performance Cable**

ATPC's full line of high-performance cables are available to use, offering different jacket and insulation types to meet your specific application requirements.

**Sealed RTD**

RTD element is sealed in its sheath and the connection point is protected with either 6:1 glue shrink, or chemical/heat resistant heat shrink.

**Connector Offerings**

Variety of connector choices for the cold end, ranging from molded M12 DC Micro's to durable Mil-Spec 5015's or 26482's.

**Material and Type Customizations**

Full customization of probe elements, types and materials to meet your specific application requirements.

**Ordering Information**

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

"MA"	Probe Diameter (in)	Element Configuration	Type	Sheath Material	Temperature Range	Probe Length (in)	ATPC Cable	"A"	Cable Length (in)
MA	375 (0.375")	S2 (Single 2-Wire)	E1 (100 Ω Pt 385)	30 (304 SS)	A (-200°C - 260°C)	X	XXXXX	A	XXX
	250 (0.250")	S3 (Single 3-Wire)	J1 (100 Ω Pt 392)	32 (316 SS)	B (-200°C - 315°C)				
	215 (0.215")	S4 (Single 4-Wire)	E3 (500 Ω Pt 385)	39 (Inconel 600)	C (-260°C - 860°C)				
	188 (0.188")	D4 (Dual 2-Wire)	E4 (1,000 Ω Pt 385)		D (-200°C - 482°C)				
	125 (0.125")	D6 (Dual 3-Wire)	C6 (10 Ω Cu @ 25°C)						
		D8 (Dual 4-Wire)	N7 (120 Ω Ni 672)						

**Example**

MA	375	S3	E4	32	A	6	40551	A	120
<p><b>Description:</b> TPC Sealed RTD Probe .375" Probe OD, Single 3-Wire Element, 1000Ohm Pt Type, 316 SS Sheath, -200C - 260C Temp Range, 6" Probe Length, TPC 18/3 Chem-Gard 200 RTD Cable, 120" Cable Length</p>									



**Notes**

\*Part number may change based on engineering requirements\*\*

\*\*If customization is needed or connector is required on cold end, please detail requirements to your TPC Sales Rep.