

SOURIAU PA&E

Hermetic High Pressure, High Temperature Connectors

- ✓ Designed for geophysical and industrial applications
- ✓ Reliable at 30,000 psi, 300° C
- ✓ Proven ceramic-to-metal sealing technology



SOURIAU PA&E's high pressure, high temperature connectors and feed thus are widely used in the energy industry on LWD (logging while drilling), MWD (measuring while drilling) and other applications where absolute reliability is a must.

PERFORMANCE CONFIGURATIONS		SERIES 100	SERIES 200
SPECIFICATIONS	CONTACT MATERIAL	Iron/Nickel Alloy	
	BODY MATERIAL	Iron/Nickel Alloy	
	CONTACT FINISH	Nickel/Gold Plating	
	NOMINAL PIN DIAMETER	0.040", 0.063", 0.094", 0.141" Diameter and Custom	
PERFORMANCE	LEAK RATE	Less than 1X10 ⁻⁹ cc/sec Helium at 1 atmospheric differential pressure	
	INSULATION RESISTANCE	Greater than 5,000 Megohms at 500 VDC when tested in IAW MIL-STD-1344, Method 3003	
	DIELECTRIC WITHSTANDING VOLTAGE	No evidence of breakdown or flashover when tested in IAW MIL-STD-1344, Method 3003	
	CORROSION	Connectors meet salt spray test in IAW MIL-STD-1344, Method 3003	
	OPERATING TEMPERATURE	-55°C to 175°C	-60°C to 300°C
	PRESSURE CAPABILITY	Will meet requirements of 30,000 PSI minimum	

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ISO 9001:2008/
AS9100

