

# SOURIAU PA&E

## Hermetic Fiber Optic Bulkhead Feedthru

- √ Up to 60% lighter than stainless steel
- √ One- and four-way configurations
- √ Harsh environment reliability
- √ Laser weld and jam nut options
- √ Compatible with aluminum, titanium and stainless steel



SOURIAU PA&E combines ceramic-to-metal sealing technology with ultra lightweight materials to create its hermetic 38999 SERIES III ELIO<sup>®</sup> bulkhead feedthru for fiber optic applications.

		PERFORMANCE CONFIGURATION
SPECIFICATIONS	MATERIAL COMPATIBILITY	Designed for aluminum, titanium and stainless steel applications
	INTERFACE	Compatible with SOURIAU ELIO fiber optic products
	NUMBER OF CONTACTS	Available in one- and four-channel configurations
	FIBER TYPE	Multimode 50/125, 62.5/125 or 100/140 μm (PC shape ferrule) Contact us for information on other fiber types.
PERFORMANCE	INSERTION LOSS (IL)	< 0.3 dB per interface
	RETURN LOSS (MULTI-MODE)	< 20 dB per interface
	HERMETICITY	≤ 1X10 <sup>-9</sup> cc/sec Helium at 1 atmospheric differential pressure
	OPERATING TEMPERATURE	-55°C to +125°C

## SOURIAU PA&E

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*Note: SOURIAU PA&E 38999 mateable connectors are not QPL (Qualified Parts List).*



ISO 9001:2008/  
AS9100

