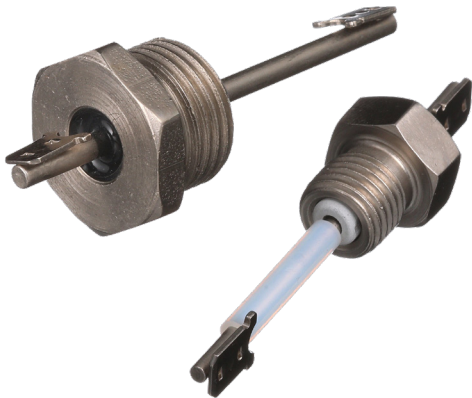


Single Pin Feedthroughs

For limited space conditions, Fusite offers a full range of standard single-pin feedthroughs with durable hermetic seals, with typical power and sensor applications up to 20 A continuous. Both weld-in and threaded style designs are available in various pin materials.



Typical Specifications

- Hermeticity: $< 1 \times 10^{-7}$ standard cc/sec helium
- Insulation resistance: $> 10,000$ megohm @ 500 VDC
- Dielectric voltage: Min. 2500 volts @ < 0.5 mA leakage
- Burst pressure: Typical GTM seals meet or exceed 2,250 psi pressure test, but should be verified in customer specific applications.
- Regulatory: UL Recognition on select models

CO₂ Compressor Feedthroughs

Because of Fusite's long history of glass-to-metal experience, we understand the complexities of CO₂ compressors, including the type of specialized materials required for this application. As GTM experts, we are able to design electrical feedthroughs for CO₂ compressors that allow for higher operating pressure required by CO₂ refrigerant.



Typical Specifications

- Hermeticity: $< 1 \times 10^{-7}$ standard cc/sec helium
- Insulation resistance: $> 10,000$ megohm @ 500 VDC
- Dielectric voltage: Min. 2500 volts @ < 0.5 mA leakage
- Burst pressure: Typical GTM seals meet or exceed 8,000 psi pressure test, but should be verified in customer specific applications.
- Regulatory: UL Recognition on select models