

**DOWNHOLE: HIGH PRESSURE/HIGH TEMPERATURE**

HIGH TEMPERATURE HIGH PRESSURE Glass Sealed Penetrators and Feedthroughs



- Available in 7 shell sizes and 17 insert arrangements
- Standard penetrators with hermeticity of $<1 \times 10^{-7}$ sccHe/sec @ 1 atmosphere differential and rated to 10,000 PSI
- High pressure penetrators rated to 25,000 PSI and hermeticity of $<1 \times 10^{-8}$ sccHe/sec @ 1 atmosphere differential



Glass sealed penetrators and feedthroughs provide sealed interconnect solutions for downhole applications such as logging while drilling (LWD) and measurement while drilling (MWD) applying methods such as near-balanced, underbalanced and overbalanced drilling. In these environments, conditions can reach temperatures approaching 300°C while experiencing elevated shock and vibration, downhole fluids and a confined environment. Glenair SeaKing™ penetrators are typically used where a waterproof seal is needed but separation from equipment is not.