Minco Installation Instruction

FG1015 Leadwire and Cable Seal

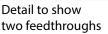






Detail to show 6-wire dual RTD

BUI KHEAD



Minco's multi-conductor feedthroughs are designed for use in applications which require several conductors, probe type sensors or cables to pass through a housing or bulkhead within a small area. Their construction allows the fittings to be used in pressure applications up to 50 PSIG.

The FG1015 package includes: pressure seal fitting, flat washer, grommet, compression plug, cap fitting, and leadwire plugs (for the 6-hole leadwire models only).

- 1. Thread the NPT end of the pressure seal fitting (marked "P") into the bulkhead or machine housing. This thread will be either 1/2-14 NPT or 3/4-14 NPT, depending on the option purchased.
- 2. Pass each conductor through the bulkhead or machine housing and pressure seal fitting.
- Slide flat washer over conductors and into pressure seal fitting.
- 4. Pass each conductor through the grommet.
- 5. Press a leadwire plug (provided) into each empty grommet hole (for 6-hole leadwire models only).
- CONDUCTORS, CABLES, OR PROBE TYPE SENSORS PROBE TYPE SENSORS FLAT WASHER GROMMET COMPRESSION PLUG FITTING
- 6. Pass each conductor through the compression plug, beginning with the face opposite of the retaining ears, as shown in the illustration.
- 7. Pass the connection end of each conductor through the cap fitting, as shown in the illustration.
- 8. Align the ears of the compression plug with the slots in the pressure seal fitting.
- 9. Begin screwing the pressure seal fitting and the cap fitting together by hand. Torque the assembly to 25-35 ft-lbs.
- 10. Add a connection head or other conduit fitting by threading onto the back of the cap fitting.



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