

FG1015 Leadwire and Cable Seal



Detail to show
6-wire dual RTD



Detail to show
two feedthroughs

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.
3. 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).
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.

