

FG3015 Leadwire & Cable Seal with Split Grommet



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 FG3015 package includes: pressure seal fitting, grommet, compression plug, cap fitting, and Viton plugs.

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. Spread open a slit portion of the grommet and place a conductor into each slot. Fill all unused holes with Viton plugs.
4. Pass each conductor through the compression plug, beginning with the face opposite of the retaining ears, as shown in the illustration.
5. Pass the connection end of each conductor through the cap fitting.
6. Align the ears of the compression plug with the slots in the pressure seal fitting.
7. Begin screwing the pressure seal fitting and the cap fitting together by hand. Tighten until the ears on the compression plug reach the bottom of the slot. Torque the assembly to 10-15 ft-lbs.
8. Add a connection head or other conduit fitting by threading onto the back of the cap fitting (except P5 and P6 models).

