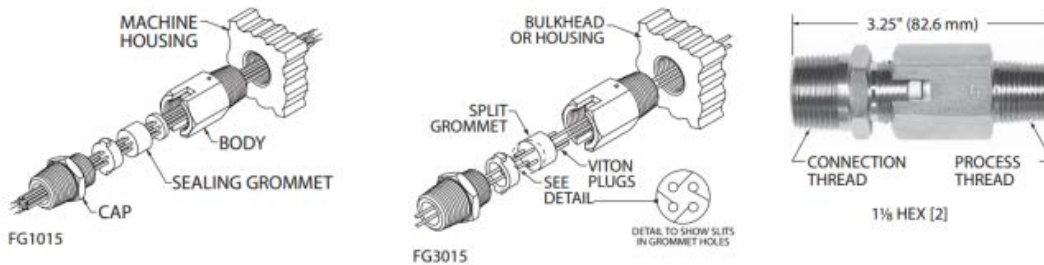


Leadwire and Cable Seal - Prevent Oil Seepage



Overview

The FG1015 and FG3015 seal RTD or thermocouple leadwires where they exit oil-filled bearing housings of rotating equipment.

Both versions include a grommet that provides the seal and allows adjustment of the wire or cable position. With the FG1015 the wire or cable ends must be threaded through the grommet holes. The FG3015 features a split grommet so it can be fitted over the wire or cable where access to the wire ends isn't practical.

Order the 6-hole version to seal around PTFE-insulated wires. Order the 2-, 3-, or 4-hole version to allow multiple feedthroughs or cables to exit to a single connection head.

Specifications

Material: Stainless steel.

Temperature: -40 to 150°C (-40 to 320°F).

Pressure: 50 psi (3.4 bar) at 20°C.

Notes:

- Viton plugs are provided for unused holes on 6 hole and split grommets.
- Insulated leadwires must be used; do not use bare stranded leadwires. Wires must be oil sealed on sensor end.

Specification and order options

FG1015	Model number: FG1015: Cable seal FG3015: Cable seal with split grommet
P2	Pipe thread code from table
SS	Fitting material: SS = Stainless steel
2	Number of holes from grommet table
V	Grommet material: V = Viton
220	Hole diameter in 0.001" increments from grommet table (Ex: 220 = 0.220")
FG1015P2SS2V220 = Sample part number	

Pipe thread table

Connection thread	Process thread	Pipe thread code
1/2 - 14 NPT	3/4 - 14 NPT	P1
3/4 - 14 NPT	3/4 - 14 NPT	P2
1/2 - 14 NPT	1/2 - 14 NPT	P3
3/4 - 14 NPT	1/2 - 14 NPT	P4

Grommet table

Number of holes	FG3015 split grommet	FG1015	Grommet hole Ø	Cable/tube Ø range
1		X	0.130" (3.30 mm)	0.100" to 0.130" (2.54 to 3.30 mm)
		X	0.160" (4.06 mm)	0.130" to 0.160" (3.30 to 4.06 mm)
		X	0.220" (5.59 mm)	0.190" to 0.220" (4.83 to 5.59 mm)
2		X	0.130" (3.30 mm)	0.100" to 0.130" (2.54 to 3.30 mm)
		X	0.160" (4.06 mm)	0.130" to 0.160" (3.30 to 4.06 mm)
		X	0.190" (4.83 mm)	0.160" to 0.190" (4.06 to 4.83 mm)
	X	X	0.220" (5.59 mm)	0.190" to 0.220" (4.83 to 5.59 mm)
		X	0.257" (6.53 mm)	0.227" to 0.257" (5.77 to 6.53 mm)
3		X	0.130" (3.30 mm)	0.100" to 0.130" (2.54 to 3.30 mm)
		X	0.160" (4.06 mm)	0.130" to 0.160" (3.30 to 4.06 mm)
	X	X	0.190" (4.83 mm)	0.160" to 0.190" (4.06 to 4.83 mm)
4	X		0.100" (2.54 mm)	0.080" to 0.100" (2.03 to 2.54 mm)
	X	X	0.130" (3.30 mm)	0.100" to 0.130" (2.54 to 3.30 mm)
	X	X	0.160" (4.06 mm)	0.130" to 0.160" (3.30 to 4.06 mm)
6	X	X	0.050" (1.27 mm)	0.035" to 0.050" (0.76 to 1.27 mm)

Replacement grommet/washer kits

For replacement grommet/washer kits order model AC1015 or AC3015 (split grommet). Specify the number of holes and hole diameter required from the table above.