



## RetroSeal® split cable gland IP washer Installation Instructions

**The RetroSeal® split IP Ingress Protection washer offers the facility to retro-fit missing, damaged or worn washers on existing cable gland installations, without having to completely dismantle the affected cable gland.**

Installation should be completed by qualified personnel only. Ensure all local regulatory standards and directives are adhered to in relation to hazardous areas. Read instructions before use. Related documentation includes, but is not limited to EN60079-19 for repair and overhaul and EN60079-14 for installation.

- The installation of the RetroSeal® may require the opening of the enclosure or equipment. Ensure all site & regulatory precautions are adhered to during this process.
- Fitting of the RetroSeal® may require the partial disassembly of the installed cable gland. Ensure manufacturers mounting instructions are read and followed during this process.
- Ensure cable glands are re-assembled to the correct torque as recommended by the equipment manufacturer during re-assembly.

### RetroSeal® Installation

1. Undo the backnut (and Middle nut where appropriate) of the cable gland. This is to ensure there is no twisting of the cable or damage to the braid whilst installing.
2. unscrew the cable gland from the enclosure/equipment a minimum of 5mm. For threaded entries, it may not be necessary to open the enclosure (if there are no internal accessories fitted). For clearance holes using a locknut to secure the cable gland, it will be necessary to open the enclosure to access this. Ensure it is safe to do so and all required precautions have been taken
3. Clean the gland/equipment faces.
4. Apply a small amount of an electrical insulating compound such as Dow Corning 4, Kontakt Grease or similar to the x4 ends of the split washer and a small amount to the front/rear faces of the washer body.
5. Insert the 2 parts of the RetroSeal® washer into the gap between the cable gland and equipment body and click together to form a complete circular gasket. The 2 parts can only fit together in 1 orientation.
6. Re-install the cable gland to the enclosure/equipment, either by tightening into the threaded hole, or via the internal locknut.
7. Re-assemble the cable gland components as per the manufacturers instructions.

### Technical

MATERIAL	PA6
IP RATING	IP66 (without sealant) IPX7 (with sealant)
OPERATING TEMP	-40° to +135°

