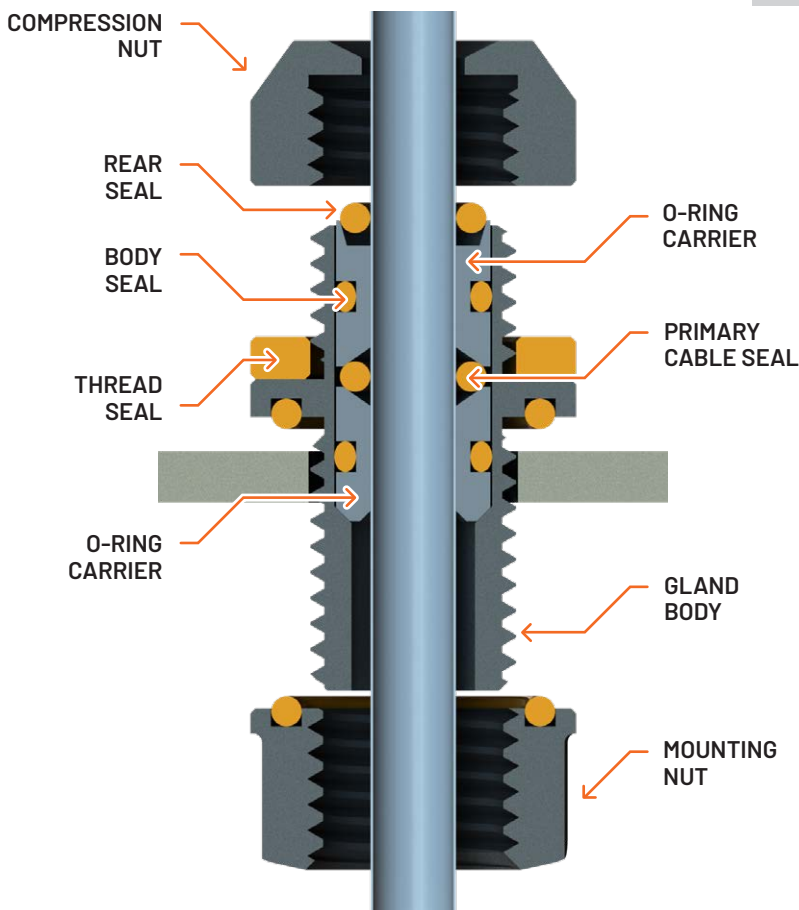


i-GLAND

NEW REVOLUTIONARY APPROACH TO CABLE GLAND DESIGN



i-GLAND FEATURES:

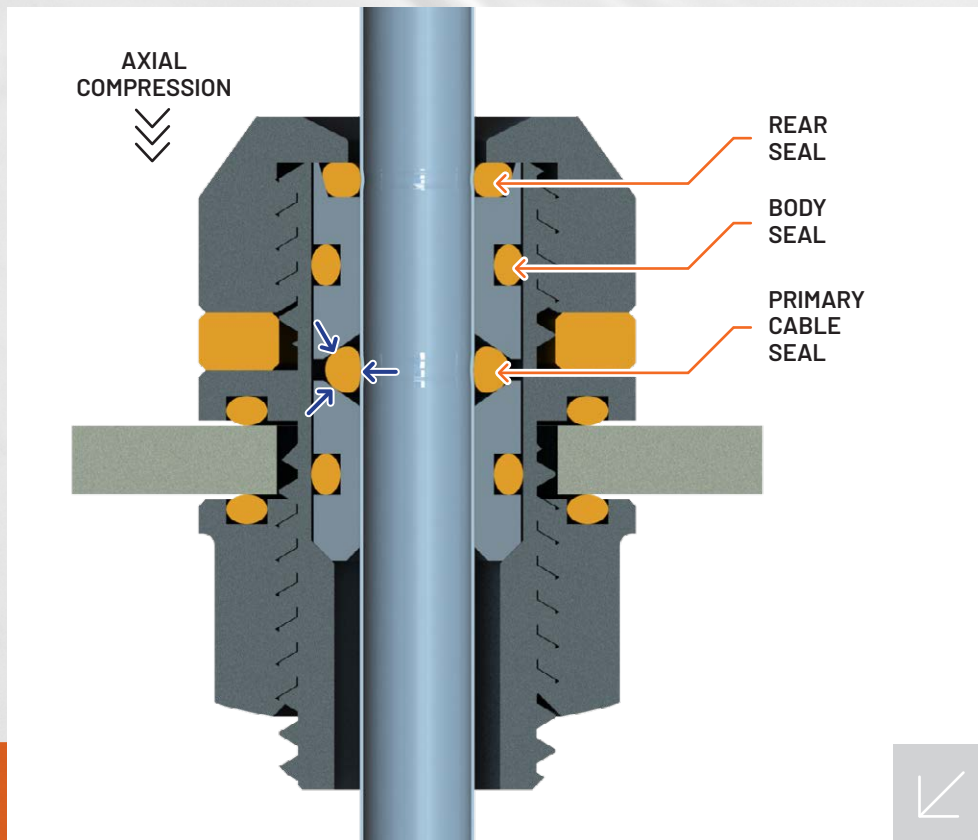
- Utilises an axial compressive force to provide radial sealing to the cable via one or more seals for added redundancy.
- Separates the sealing action on the gland body from the cable sealing to provide optimal sealing performance.
- Resistant to compression nut unwinding due to threads being loaded axially, acting as a built in spring washer.
- Provides high cable retention
- Patent pending

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INTRODUCING AN ADVANCED PERFORMANCE IN SEALING ACTION:

- Axial force is exerted by the tightening of the compression nut.
- This compresses the O-ring carrier stack
- This forces the primary seal to form a tight connection with the cable and each of its adjacent O-ring carriers.
- This results in a watertight seal between cable and O-ring carriers (blue arrows).
- The body seal O-rings form a watertight seal between the O-ring carrier and the gland body
- The rear seal prevents ingress of dust/liquid but is not critical to the operation of the primary seal and carrier stack.
- The diagram shows two o ring carriers and a single cable seal O-ring . Versions are available utilising three or more carriers and multiple cable seal O-rings for increase sealing, cable retention and durability.

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