### PRODUCT TYPE A*RDC

**Double Compression Gland with Rotating Flexible Metallic Conduit Connector**

**Ex d : Ex e : Ex nR : Ex ta : IP66 : IP68**

#### PART NUMBERS:

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<td>2</td>
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#### PRODUCT DESCRIPTION

“A*RDC” type glands are certified Flameproof Ex d, Increased Safety Ex e, Restricted Breathing Ex nR and Dust Protected Ex ta. They are suitable for use in Zone 1 and 2 for Gas Groups IIA, IIB and IIC and additionally for use in Zones 20, 21 and 22 for Dust Groups IIA, IIB and IIC. They provide two controlled pull resistant environmental displacement seals on the cable outer sheath, minimising damage to cables that exhibit “cold flow” characteristics. The gland maintains IP66 & IP68 to 50 metres. It is supplied with an O-ring type seal as standard on metric entry threads. The gland features a freely rotating flexible metallic conduit connection.

#### COMPLIANCE STANDARDS:

- IEC 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31, IEC 60079-2, IEC 60079-1, IEC 60079-7, IEC 60079-31 & IEC 60529

- ATEX
  - II 2G Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da
  - IECEx
    - Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da

- EAC
  - Ex IIC / Ex IIIC / Ex IIIC

- INMETRO - Brazil
  - Ex d IIC Gb / Ex e IIC Gb / Ex ta IIC Da / Ex INR Gc

- SAC - China
  - Ex IIC / Ex IIIC

- UKRAINE
  - Exd IIC / Exed IIIC / ExnR IIIC

####OPTIONS:

- Stainless Steel (ACSSW)
- Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
- Earth Tag
- Brass (ACBLN) / Stainless Steel (ACSLN) / Aluminium (ACALN)

#### PLATING:

- Electroless Nickel

#### MATERIALS:

- OPERATING TEMP:
  - IP66 & IP68 (50 metres - 7 days)
  - IP RATING:
- 20-1 M20 x 1.5mm Male Entry Thread

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<th>Weight (Kgs)</th>
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- CABLE GLANDS GUAGE: WIRE SIZE 0.65mm

**NOTES**

- The IP O-ring seal is only available on metric entry threads. IP washers can be supplied for tapered entry threads.
- Dimensions (A) & (B) may differ for glands with non-metric entry threads.
- Please refer to our “Thread Reference Tables” for specific dimensions.
- Assembly instructions must be read prior to installation and adhered to in full.
- Peppers supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients’ installations where this has not been taken into account.
- When selecting IP Washer material for use with glands, please be aware of the accessories temperature range to ensure they are suitable for the intended installation.
- Where approval in addition to ATEX and IECEx is required, this must be clearly requested at time of enquiry / order.
- It is the installer’s responsibility to ensure that the conduit is secured correctly.
- If fit testing is required for specific conduit please contact Peppers sales team.