Group II Cable Glands

Flameproof, Increased Safety, Dust Protection & Restricted Breathing
Class - Zones - Divisions
Certified ATEX / IECEx / c CSA us

Application

- Outdoor or indoor use.
- For particular use with Cables that exhibit ‘Cold Flow’ characteristics.
- See technical section for installation rules and regulations.

Features

- Provides armour clamping using one clamping arrangement for all armour / braid types.
- Provides a diaphragm seal on inner sheath of cable which will not damage cables that exhibit ‘Cold Flow’ characteristics.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour / braid.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer sheath.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Technical Data

ATEX/IECEx

- Flameproof Exd IIC Gb, Increased Safety Exe IIC Gb, Dust Extb IIIC Db and ExnR IIC Gc II 2 / 3GD.
- Certificate No’s: For sizes Os to F: Baseefa06ATEX0057X and IECEx BAS 06.0014X. For sizes G to J: Baseefa06ATEX0056X and IECEx BAS 06.0013X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22.
- Ingress Protection: IP66, IP67 and IP68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DT501.
- Operating Temperature Range: -60°C to +80°C.
- Assembly Instruction Sheet: AI 300 (Sizes Os to F) and AI 303 (Sizes G to J).

c CSA us

- Flameproof AExd IIC Gb, Increased Safety AExe IIC Gb and Dust AEextD Zone 21.
- Explosion-proof Class 1 Division 2 Groups ABCD, Class II Division 2 Groups EFG, Class III.
- Construction and Test Standards: UL 60079-0, UL 60079-1, UL 60079-7, ISA 60079-31, CSA 22.2 No: 60079-0, CSA 22.2 No: 60079-1, CSA 22.2 No: 60079-7, CSA 22.2 No: 60079-11, UL 60225.

Additional installation procedures required

Features

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Alternative Reversible Armour Clamping Rings (RAC)

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>Steel Wire Armour / Braid / Tape</th>
<th>Orientation 1</th>
<th>Orientation 2</th>
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<tbody>
<tr>
<td>B</td>
<td>0.9 - 1.25</td>
<td>0.5 - 0.9</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1.2 - 1.6</td>
<td>0.6 - 1.2</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>1.2 - 1.6</td>
<td>0.6 - 1.2</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
<td></td>
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<tr>
<td>F</td>
<td>1.45 - 1.8</td>
<td>1.0 - 1.45</td>
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</tbody>
</table>

Ordering Information

Format for ordering is as follows: Alternative Clamping Ring (AR), add suffix AR to ordering information.

<table>
<thead>
<tr>
<th>Cable Gland Type</th>
<th>Size</th>
<th>Thread</th>
<th>Material</th>
<th>(Optional)</th>
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<tbody>
<tr>
<td>501/453/UNIV</td>
<td>C</td>
<td>M32</td>
<td>Brass</td>
<td>AR</td>
</tr>
<tr>
<td>501/453/UNIV</td>
<td>C</td>
<td>1 ½&quot; NPT Brass</td>
<td>AR</td>
<td></td>
</tr>
</tbody>
</table>