Connection Solutions
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Cable Glands
North American Cable Glands/Connectors
Explosion Proof
IECEx and ATEX Approved Flameproof Exd,
Increased Safety Exe and Restricted Breathing ExnR
(Note: Dual Marked UL & ATEX as standard).

Ordering Information
Format for ordering is as follows:

<table>
<thead>
<tr>
<th>Cable Gland / Connector Type</th>
<th>Size</th>
<th>Thread</th>
</tr>
</thead>
<tbody>
<tr>
<td>711</td>
<td>C</td>
<td>1&quot; NPT</td>
</tr>
</tbody>
</table>

Two part sealing compound and assembly instructions are supplied with the cable gland.

Cable Gland Selection Table

<table>
<thead>
<tr>
<th>Size Ref.</th>
<th>NPT Standard or Option</th>
<th>Metric *</th>
<th>Entry Thread</th>
<th>Cable Acceptance Details</th>
<th>Outer Jacket 'B'</th>
<th>'G'</th>
<th>Hexagon Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>½&quot; or ¾&quot;</td>
<td>M20</td>
<td>0.43&quot;</td>
<td>0.41&quot; 0.64&quot;</td>
<td>10 0.49&quot; 0.81&quot;</td>
<td>2.44&quot; 2.90&quot; 1.18&quot; 1.28&quot;</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>¾&quot; or 1&quot;</td>
<td>M25</td>
<td>0.64&quot;</td>
<td>0.49&quot; 0.93&quot;</td>
<td>21 0.66&quot; 1.02&quot;</td>
<td>2.68&quot; 3.30&quot; 1.42&quot; 1.56&quot;</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1&quot; or 1¼&quot;</td>
<td>M32</td>
<td>0.86&quot;</td>
<td>0.85&quot; 1.23&quot;</td>
<td>42 0.87&quot; 1.30&quot;</td>
<td>2.76&quot; 3.80&quot; 1.81&quot; 1.99&quot;</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td>1¼&quot; or 1½&quot;</td>
<td>M40</td>
<td>1.04&quot;</td>
<td>1.17&quot; 1.59&quot;</td>
<td>60 1.10&quot; 1.61&quot;</td>
<td>2.96&quot; 4.19&quot; 2.17&quot; 2.36&quot;</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>2&quot; or 1½&quot;</td>
<td>M50</td>
<td>1.46&quot;</td>
<td>1.37&quot; 1.96&quot;</td>
<td>80 1.42&quot; 2.07&quot;</td>
<td>3.18&quot; 4.64&quot; 2.56&quot; 2.79&quot;</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>2½&quot; or 2&quot;</td>
<td>M63</td>
<td>1.88&quot;</td>
<td>1.76&quot; 2.55&quot;</td>
<td>100 1.81&quot; 2.57&quot;</td>
<td>3.21&quot; 4.70&quot; 3.15&quot; 3.46&quot;</td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>3&quot; or 2½&quot;</td>
<td>M75</td>
<td>2.32&quot;</td>
<td>2.29&quot; 2.98&quot;</td>
<td>120 2.24&quot; 3.07&quot;</td>
<td>3.54&quot; 5.06&quot; 3.74&quot; 4.09&quot;</td>
<td></td>
</tr>
<tr>
<td>H¹</td>
<td>3½&quot;</td>
<td>M90</td>
<td>2.79&quot;</td>
<td>2.93&quot; 3.47&quot;</td>
<td>120 3.07&quot; 3.52&quot;</td>
<td>4.33&quot; 5.70&quot; 4.18&quot; 4.84&quot;</td>
<td></td>
</tr>
</tbody>
</table>

All dimensions in inches (except * where dimensions are in millimetres). A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering.

¹ UL approved only.

Technical Data
- UL Listing No: E84940.
- Suitable for use in:
  - Class 1, Division 1, Gas Groups A, B, C and D
  - Class 1, Zone 2, Gas Groups IIA, IIB and IIC
  - AExd IIC and AExe II Class 1, Zone 2.
- Flameproof Exd, Increased Safety Exe IIC and Restricted Breathing ExnR II 2 GD and II 2 GD.
- Certificate No's: Sira 06ATEX1295X and IECEx SIR 06.0082X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEx).
- Assembly Instruction Sheet: AI 317 (UL) and AI 338 (ATEX / IECEx).
- Alternative certification options available:
  - DNV Marine Approval
  - ABS Marine Approval

Features
- Provides 360° armour grounding which is fully Inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- NPT entries are nickel plated as standard.