**PRODUCT TYPE E8XCF**

**Double Compression Gland Designed for use with Armoured Flat Cable featuring a Female Conduit Connection**

<table>
<thead>
<tr>
<th>Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68</th>
</tr>
</thead>
</table>

**PART NUMBERS:**

<table>
<thead>
<tr>
<th>E</th>
<th>B</th>
<th>C</th>
<th>F</th>
<th>B</th>
<th>F</th>
<th>S</th>
</tr>
</thead>
</table>

**PRODUCT DESCRIPTION**

“E8XCF” type glands are certified Flameproof Ex db, Increased Safety Ex eb, 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. Developed for flat cables, they provide controlled Ex db sealing and have been tested to IP66 and IP68 to 50 metres. The “E8XCF” version is designed to accommodate armoured cables, sealing on the inner and outer sheaths and also incorporates a detachable armour specific clamping system. The gland features a female conduit connection thread as standard.

**COMPLIANCE STANDARDS:**

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

**CERTIFICATION:**

- ATEX: Il 1G 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
- IECEx: Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
- EAC: Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da
- INMETRO - Brazil: Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da
- SAC - China: Ex db IIC Gb / Ex eb IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da
- UKRAINE: Il 2G Ex db IIC Gb / Il 2G Ex eb IIC Gb / Il 3G Ex nR IIC Gc / Il 1D Ex ta IIIC Da
- CCoE - India: Ex d IIC Gb (Zone 1) Ex e IIC Gb (Zone 2) Ex nR IIC Gc (Zone 2)
- LLOYD’S: Ex d IIC Gb / Ex e IIC Gb / Ex nR IIC Gc / Ex ta IIIC Da

**ACCESSORIES:**

- Plug In Locknut (material dictated by gland entry thread material)
- Multiple Certification
- IP Washer, Nylon (N) - Fibre (V) - PTFE (H)
- Serrated Washer
- Including Earth Tag
- Locknut (material dictated by gland entry thread material)
- IP Washer - Nylon (N) - Fibre (V) - PTFE (H)

**FABRICATION:**

- Brass (ACBLN) / Stainless Steel (ACSLN)
- Brass (ACBET) / Stainless Steel (ACSET)
- Nylon (ACNDSW) / Fibre (ACFSW) / PTFE (ACPFSW)
- Stainless Steel (ACSSW)
- Electroless Nickel
- Nickel Plated

**MATERIALS:**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Dimensions/Weight (Metric Versions)</th>
<th>Gland size</th>
<th>Entry Thread Size</th>
<th>Metric Thread Length</th>
<th>Cable Inner Sheath</th>
<th>Cable Outer Sheath</th>
<th>Armour Acceptance Range</th>
<th>Dimensions/Weight (Metric Versions)</th>
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</thead>
<tbody>
<tr>
<td>E8XCF</td>
<td>Across Flats</td>
<td>Across Corners</td>
<td>Weight (Kgs)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>16</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>6.3</td>
<td>11.7</td>
<td>4.0</td>
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<td>8.1</td>
<td>13.5</td>
<td>5.8</td>
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<tr>
<td>20</td>
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<td>16</td>
<td>M20 x 1.5</td>
<td>1/2&quot; or 3/4&quot;</td>
<td>10.3</td>
<td>13.5</td>
<td>5.6</td>
</tr>
</tbody>
</table>

- Gland size does not necessarily equate to the entry thread size.
- 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 supply products 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 & IECEx is required, this must be clearly requested at time of enquiry / order.