**PRODUCT TYPE D8X**

**CABLE GLAND SELECTION TABLE**

**PART NUMBERS:**

<table>
<thead>
<tr>
<th>D</th>
<th>B</th>
<th>X</th>
<th>S</th>
<th>F</th>
</tr>
</thead>
</table>

**Gland size**

- **Gland Size:** Metric
- **Entry Thread Size:** M20 x 1.5
- **Metric Thread Length [B]:**
- **Width [Min]:** 16
- **Thickness [Max]:** 6.3
- **Cable Inner Sheath [D]:**
- **Cable Outer Sheath [D]:**
- **Armour Acceptance Range:**
- **Nominal Protrusion Length [L]:**
- **Across Flats (A):**
- **Across Corners:**
- **Weight (Kgs):**

**Certification:**

- **ATEX:**
- **ICEx:**
- **NEC - USA:**
- **SAC - China:**
- **CCe - India:**
- **ABS:**
- **LLOYD’S:**
- **RMRs:**

**Product Description:**

- "D8X" 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 IIIA, 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 "D8X" version is designed to accommodate armoured cables, sealing on the inner sheath and also incorporates a detachable armour specific clamping system.

**Compliance Standards:**

- EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-15, EN 60079-31
- IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31, IEC 60529
- UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7, ISA 60079-31
- CSA 2627370

**Accessories:**

- **LOCKNUT:**
  - Brass (ACBLN) / Stainless Steel (ACSSLN)
- **EARTHTAG:**
  - Brass (ACBT) / Stainless Steel (ACSET)
- **IP WASHERS:**
  - Nylon (ACNWSW) / Fibre (ACFSW) / PTFE (ACPSW)
- **SERRATED WASHERS:**
  - Stainless Steel (ACSSW)

**Certification No:**

- NEPSI GYJ16.1398X
- SIRA 01ATEX1270X & SIRA 09ATEX1221X
- IECEx SIR 05.0020X
- NECC 13.2187 X
- SAC – China
- CCe – India
- ABS 14-LD46961-1-PDA
- LLOYD’S 10/00096(E1)
- RMRs 14.02755.315

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**NOTES:**

- 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, ICEx and CSA is required, this must be clearly requested at time of enquiry / order.

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