**PRODUCT TYPE E8XCF**

Double Compression Gland designed for use with Armoured Flat Cables featuring a Female Conduit Connection

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

**PART NUMBERS:**

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

**PRODUCT DESCRIPTION**

"E8XCF" 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 IIIA, IIIB and IIIC. Developed for flat cables, they provide controlled Ex d 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.

**IP RATING:**

IP66 & IP68 (50 metres - 7 Days)

**OPERATING TEMP:**

Silicone Seals -60°C to +180°C

**MATERIALS:**

Brass or Stainless Steel

**PLATING:**

Electroless Nickel

**CERTIFICATION:**

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

IECEx Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da

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

SAC - China Ex d IIC / Ex e IIC

CCeE - India Petroleum Rules 2002 (PESO)

LLOYD’S Enclosures Systems (Part 1B)

**CERTIFICATION No:**

ATEX SIRA 01ATEX1270X & SIRA 09ATEX1221X

IECEx IECEx SIR 05.0020X

INMETRO - Brazil NCC 13.2187 X

SAC - China NEPSI GYJ16.1398X

CCeE - India PESO P365300/2 & P365300/6

LLOYD’S 10/00056(E1)

**OPTIONAL ACCESSORIES:**

- **LOCKNUT**
  - Brass (ACBLN) / Stainless Steel (ACSLN)
- **EARTH TAG**
  - Brass (ACBET) / Stainless Steel (ACSET)
- **IP WASHERS**
  - Nylon (ACNSW) / Fibre (ACFSW) / PTFE (ACPSW)
- **SERRATED WASHERS**
  - Stainless Steel (ACSSW)

**EXAMPLE PART NUMBERING:**

E8XCFBF050NPT/NP/20/M20

**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 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 & IECEx is required, this must be clearly requested at time of enquiry / order.