

Double Compression Gland for Armoured Flat Cable
featuring Dedicated Armour Clamping

Ex db : Ex eb : Ex nR : Ex ta : IP66 : Class I Zone 1 : AEx eb : AEx ta



PRODUCT DESCRIPTION

"E8X" 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, IIIB and IIIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. Developed for flat cables, they provide controlled Ex db sealing and have been tested to IP66 and IP68 to 50 metres. The E8X version is designed to accommodate armoured cables, sealing on the inner and outer sheaths 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
C22.2 (see certificate), CAN/CSA 60079-0/1/7/31
UL514B, UL1203, UL2225, UL50E, ANSI/UL 60079-0/7, ISA 60079-31

CERTIFICATION:

Table with 2 columns: Certification (UKEX, ATEX, IECEx, CEC - Canada, NEC - USA, EAC, INMETRO - Brazil, CCC - China, UKRAINE, CCoE - India, ECAS-Ex - U.A.E, ABS, LLOYD'S, DNV) and Description (e.g., II 1D 2G Ex db IIC Gb / Ex eb IIC Gb / Ex ta IIIC Da).

CERTIFICATION No:

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CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

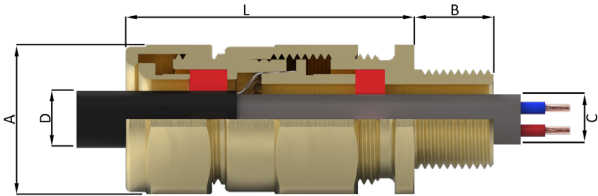
Table with 17 columns: Gland Size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], Cable Inner Sheath [C] (Width, Thickness), Cable Outer Sheath [D] (Width, Thickness), Armour Acceptance Range, Nominal Protrusion Length [L], Dimensions/Weight (Metric Versions) (Across Flats [A], Across Corners, Weight [Kgs]).

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. We usually incorporate a thread run out according to general machining techniques and parts 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 UKEX, ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.



PRODUCT TYPE E8X



EXAMPLE PART NUMBERING:
E8XBF/NP/20/050NPT

Table with 2 columns: Part Numbering Code (E, 8, X, B, F) and Description (e.g., Gland designed for use with Armoured Cables, Silicone Seals for flat cables, Detachable Clamping for Braid Armour).

OPTIONAL ACCESSORIES:

Table with 2 columns: Accessory (LOCKNUT (L), EARTH TAG (T), IP WASHERS, SERRATED WASHERS) and Material (e.g., Brass (ACBLN) / Stainless Steel (ACSLN), Nylon (N) / Fibre (J) / PTFE (Z)).

Table with 2 columns: Property (IP RATING, OPERATING TEMP, MATERIALS, PLATING) and Value (e.g., IP66 & IP68 (50 metres - 7 Days), Type 4X; Silicone Seals -60°C to +180°C; Brass or Stainless Steel; Electroless Nickel).