



PX2K

Ex e Ex d Ex nR Ex ta

PX2K Globally Approved, Explosive Atmosphere Barrier Cable Gland

For all types of Armoured cables

- Metal-to-metal armour clamping
Direct & remote installation
Compound barrier type flameproof seal
Controlled outer 'load retention' seal
Unique OSTG prevents overtightening
Integral protected deluge seal
-60°C to +85°C
Class I Zone 1, 21 and Zone 2, 22 Class I Division 1 & 2 ABCD
Globally marked, IECEx, ATEX, UL & cCSAus
EMC tested



Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W).

Note: Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braided armoured cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below.

Stepped (W) Cone is suitable for Single Wire Armour (SWA), or Aluminium Wire Armour (AWA) cables.

TECHNICAL DATA

Table with 2 columns: Specification Name and Value. Includes Design Specification, Mechanical Classifications, Enclosure Protection, Electrical Classifications, ATEX Certificate, Code of Protection, Compliance Standards, IECEx Certificate, CE Certificate, CSAus Certificate, CSAus Code of Protection, cCSA Code of Protection, UL Certificate, Code of Protection, Compliance Standards, EAC Certificate, UkrSEPRO, KCS Certificate, CCOE / PESO (India) Certificate, NEPSI Certificate, INMETRO Approval, RETIE Approval Number, Marine Approvals, Ingress Protection Rating, Deluge Protection Compliance, Cable Gland Material, Seal Material, Cable Type, Armour Clamping, Sealing Technique, and Sealing Area(s).

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444
** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings
*** Where the cable is permitted by code (NEC and/or CEC)

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Large table with columns: Cable Gland Size, Available Entry Threads 'C', Standard, Option, Number of Cores, Diameter Over Conductors 'A', Cable Bedding Diameter 'G', Overall Cable Diameter 'B', Armour Range (Grooved Cone 'X', Stepped Cone 'W'), Across Flats 'D', Across Corners 'D', Protrusion Length 'F', Combined Ordering Reference, Shroud, Cable Gland Weight (Kgs).

* For material options add the following suffix to the Ordering Reference: Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
For NPT options add the following digits to the material suffix: 1/2" = 31; 3/4" = 32; 1" = 33; 1 1/4" = 34; 1 1/2" = 35; 2" = 36; 2 1/2" = 37; 3" = 38; 3 1/2" = 39; 4" = 310 (Brass requires prefix '0')
Examples: 32PX2K1RA534 = Nickel Plated Brass 1-1/4" NPT, 50SPX2K1RA035 = Brass 1-1/2" NPT, 25PX2K1RA432 = Stainless Steel 3/4" NPT, 20PX2K1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated