



CMP EXPLOSIVE ATMOSPHERES PRODUCTS



TRITON CDS

T3CDS

Ex e Ex d Ex nR Ex ta

Triton CDS (T3CDS) Globally Approved, Explosive Atmosphere Cable Gland

For all types of Armoured Cables

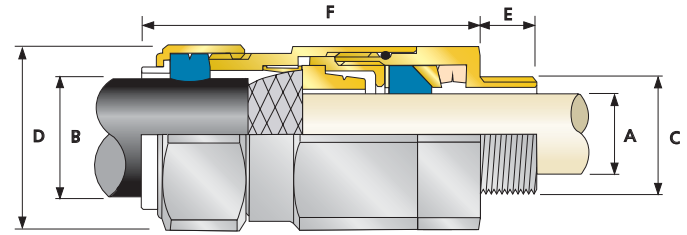
- Fully sequential, three step installation procedure
Reduces installation times, cost & risk
Direct & remote installation
Unique compensating displacement seal system (CDS)
Metal-to-metal installation every time regardless of cable diameter
Designed to prevent Coldflow
Integral protected deluge seal
Controlled outer 'load retention' seal
Unique OSTG prevents overtightening
-60°C to +130°C (standard), -20°C to 200°C (ThermEx option page 91)
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 braid 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 Classification, Enclosure Protection, Electrical Classification, ATEX Certificate, Code of Protection, Compliance Standards, IECEx Certificate, Code of Protection, Compliance Standards, cCSAus Certificate (20s16 - 90), CSAus Code of Protection, cCSA Code of Protection, Compliance Standards, UL Certificate (20s16 - 90), Code of Protection, Compliance Standards, EAC Certificate (Formerly GOST R, K & B), UkrSEPRO, NEPSI Certificate, CCOE / PESO (India) Certificate, INMETRO Certificate, RETIE Certificate, Marine Certificates, Ingress Protection Rating, Deluge Protection Compliance, Cable Gland Material, Seal Material, Cable Type(s), Armour Clamping, Sealing Technique, 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

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', Cable Bedding Diameter 'A', Overall Cable Diameter 'B', Armour Range, Across Flats 'D', Across Corners 'D', Protrusion Length 'E', Combined Ordering Reference, Shroud, Cable Gland Weight (Kgs). Rows include sizes 16, 20s16, 205, 20, 25S, 25, 32, 63, 40, 50S, 50, 63S, 63, 75S, 75, 90, 100, 115, 130.

* 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: 32T3CDS1RA534 = Nickel Plated Brass 1-1/4" NPT, 50S3T3CDS1RA035 = Brass 1-1/2" NPT, 25T3CDS1RA432 = Stainless Steel 3/4" NPT, 20T3CDS1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated