Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

CGB-T3CDS-NPB-20-0.5IN

Explosion Proof Cable Gland, 0.5" NPT, Nickel Plated Brass, 0.49-0.82" OD, C1D1 ATEX IEC Ex N4X

Product ID: 314466



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

CGB-T3CDS-NPB-20-0.5IN Cable Gland

Unit Type: Explosion Proof Cable Gland (Unarmored)

Weight: 0.61 lb
Entry Thread (Hub): 0.5" NPT
Minimum Thread Length: 0.78"
Cable Bedding Diameter: 0.26" (6.5mm) (Min) to 0.55" (13.9mm) (Max)
Overall Cable Diameter: 0.49" (12.5mm) (Min) to 0.82" (20.9mm) (Max)
Armor Range: 0.02" (0.4mm) (Min) to 0.04" (1.0mm) (Max) - Grooved Cone; 0.03" (0.8mm) (Min) to 0.05" (1.25mm) (Max) - Stepped Cone
Nominal Protrusion Length: 3.00" (76.2mm)
Operating Temp: -60°C to +130°C
Materials: Nickel Plated Brass, SS, Brass, Aluminum, Halogen Free Thermoplastic Elastomer (Seal)
Cable: Armored - Single Wire Armor (SWA), Aluminium Wire Armor (AWA), Pliable Wire Armor (PWA), Steel Tape Armor (STA), Wire Braid, Aluminium Strip Armor (ASA)
Across Flats: 1.20" (30.5mm) (Max)
Across Corners: 1.32" (33.6mm) (Max)
Armor Clamping: Reversible Armor Cone, Anyway Universal Clamping Ring
Sealing Technique: Inner Bedding Sealing Ring: Compensating Displacement Seal (CDS), Outer Sheath Sealing Ring : Load Retention Seal (LRS)
Seal Area: Cable Inner Bedding, Cable Outer Sheath

Ratings

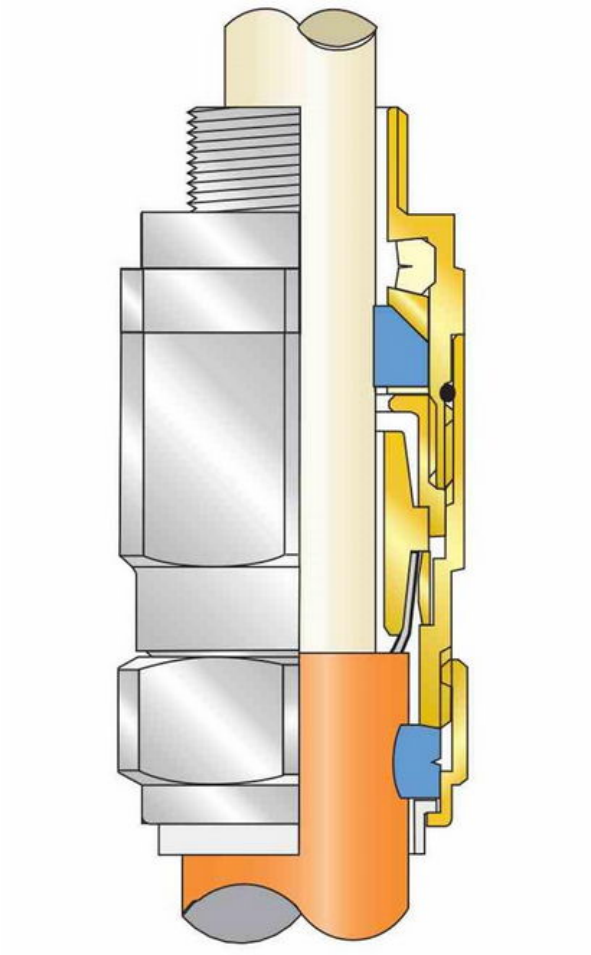
Certified for United States, Canada, Europe, Brazil, International
Class I, Divisions 1 & 2, Groups A, B, C, D
Class I, Zones 1 & 2
Class II, Divisions 1 & 2, Groups E, F, G
Zone 1, 2, 21, 22
Ex db IIC Gb, Ex eb IIC Gb
Ex nR IIC Gc, Ex ta IIIC Da
Ex db I Mb, Ex eb I Mb
ATEX Certifed
IEC Ex Certified
INMETRO Approved
EAC, RETIE Certified
NEPSI, CCOE/PESO Certified
UkrSEPRO Approved
IP66/IP67/IP68
NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364

The Larson Electronics CGB-T3CDS-NPB-20-0.5IN Explosion Proof Cable Gland provides secure and safe cable connections in combustible facilities. This armored, triple certified flameproof cable gland is constructed of nickel plated brass and caters to standard 1/2" NPT hubs for connection. The CGB-T3CDS-NPB-20-0.5IN is a heavy duty cable gland for flammable and rugged environments. This armored unit features a standard entry thread of 0.5" NPT (Metric M20) and a minimum/maximum cable diameter of 0.49-0.82" OD. The ATEX-rated cable gland is constructed of nickel plated brass, stainless steel, brass, and aluminum. A halogen-free thermoplastic elastomer/barrier compound is used to seal the unit. The accessory is NEMA 4X rated and waterproof (IP66-IP68). This explosion proof cable gland is designed for use in environments ranging between -60°C to +130°C.**Applications:** Mechanical cable retention, cable connections, cable fittings, explosive work sites, hazardous locations, instrumentation, telecommunication, cable management and more.At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)