

Single Seal Gland for Unarmoured Cable
featuring a Female Thread for Conduit Connection

Ex db : Ex eb : Ex nR : Ex ta : IP66 : IP68 : Class I Zone 1 : AEx eb : AEx ta



PRODUCT DESCRIPTION

"A*LCF" 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 IIA, IIB and IIC. Also certified for Zone and Division installations for use with Marine Shipboard and Tray Cables under the NEC and CEC. They provide a controlled pull resistant environmental displacement seal on the cable outer sheath, minimising damage to cables that exhibit "cold flow" characteristics. The gland maintains IP66 & IP68 to 50 metres. It is supplied with an IP O-ring seal as standard on metric entry threads. Options are available for use with LSOH cables and extreme temperature applications. The gland features a female conduit connection thread as standard.

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:

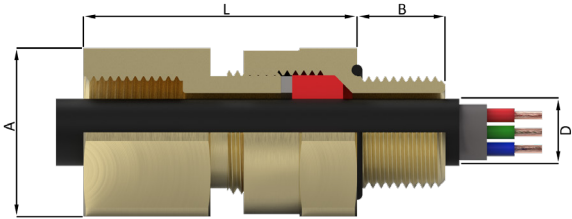
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CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Large table with 12 columns: Gland Size, Entry Thread Size (Metric, NPT), Metric Thread Length [B], Conduit Connection Thread (Metric, NPT), Cable Acceptance Outer Sheath [D] (Min, Max), Nominal Protrusion Length [L] (Metric), Dimensions/Weight (Metric Versions) (Across Flats [A], Across Corners, Weight [Kgs]).

NOTES

- Gland size does not necessarily equate to the entry thread size.
- The IP O-ring seal is only available on metric entry threads. IP washers can be supplied for tapered entry threads.
- 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



EXAMPLE PART NUMBERING:
A2LCFB050NPT/NP/20/M20

Table with 2 columns: Option/Accessories (A, 2, L, CF, B, F, K-V-H, T, S, 1, 050NPT, NP, 20, M20) and Description (e.g., Gland featuring controlled displacement sealing, Neoprene Seal (2) - Silicone Seal (3) - Neoprene/Lead (1) - Silicone/Lead (4)).

OPTIONAL ACCESSORIES:

Table with 2 columns: Accessories (LOCKNUT (L), EARTH TAG (T), IP WASHERS, SERRATED WASHERS) and Description (e.g., Brass (ACBLN) / Stainless Steel (ACSLN) / Aluminium (ACALN)).

Table with 2 columns: Specifications (IP RATING, OPERATING TEMP, MATERIALS, PLATING) and Description (e.g., IP66 & IP68 (50 metres - 7 Days), Type 4X).

- 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.
- Gland sizes 12 not available in aluminium