PRODUCT DESCRIPTION

"D" type single compression glands are certified Flameproof Ex d. Increased Safety Ex e. 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. Additionally certified for Class I Zone 1 & Class I Div 2 installations for use with Marine Shipboard & Tray Cables under NEC & CEC. They provide a controlled Ex d & IP seal on the cable inner sheath and a detachable armour specific clamping system for wire (W), braid/tape (A) armoured cables. The gland has been tested to IP68 and IP68 to 50 metres and is available with an optional IP O-ring seal on metric entry threads. The "IE" version allows the gland to be used with HV cables where the fault load is greater than 10.4kA and options are available for use with lead sheath, LSZH cables and extreme temperature applications.

COMPLIANCE STANDARDS:

- IEC 60079-7, IEC 60079-31 & IEC 60079-1, IEC 60797-9, IEC 60797-11, IEC 60797-1, IEC 60797-8, IEC 60797-31 & IEC 60292 22.2 (see certificate), CAN/CSA 60079-1/17, UL514B, UL1253, UL326, ANSI/UL 60079-17, IEC 60797-9

CABLE GARMENT SECTION "V" CABLE GLOVE SECTION "W"

PART NUMBER:

- A: Ex d IIC / Ex e IIC / Ex nR IIC Gb / Ex ta IIIC Da
- B: Ex d IIC Gb / Ex e IIC Gb / Ex ta IIIC Da
- C: I Zone 1 Ex d IC / Ex e IC Da
- D: I Zone 2 Ex d IC / Ex e IC Da

CERTIFICATION:

- ATEX
- LLOYDS
- MRMR

PRODUCT DESCRIPTION

Choose from different types of glands with varying specifications to suit specific applications. The glands are suitable for use in various zones and classifications, providing reliable protection against electrical hazards and ensuring safety in industrial environments.

CABLE GARMENT SECTION "V"

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 supplies cable glands with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-7 and other equivalent standards. They usually incorporate a thread run out according to the available machining techniques and will not have a full form thread for the entire length.
- For gland size 20 the silicone inner seal has a minimum diameter of 9.3 mm and NDT 6.7mm.
- When selecting IP Washer & Shroud 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 ATEX, IECEx and CSA is required, this must be clearly requested at time of enquiry / order.

Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.

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