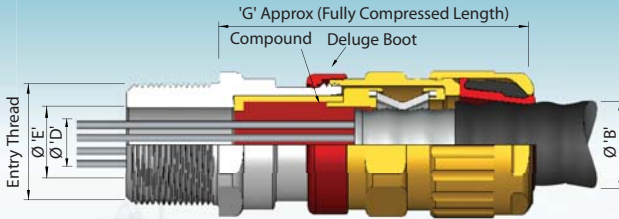


Explosion Proof
IECEX and ATEX Approved Flameproof Exd,
Increased Safety Exe and Restricted Breathing ExnR
(Note: Dual Marked UL & ATEX as standard).



Application

- Outdoor or indoor use.
- For use with continuous corrugated aluminium Metal Clad (MCHL) cable.
- See technical section for installation rules and regulations.

CABLE GLAND SELECTION TABLE

| Size Ref. | Entry Thread Size | | Cable Acceptance Details | | | | | | 'G' | Hexagon Dimensions | |
|----------------|------------------------|----------|--------------------------|-------------------|-------|-------------------|-------|--------------|-------|--------------------|-------|
| | NPT Standard or Option | Metric * | Inner Jacket / Cores | | | Outer Jacket 'B' | | Across Flats | | Across Corners | |
| | | | Max. Over Cores 'D' | Armour Jacket 'E' | | Max. No. of Cores | Min. | | | | Max. |
| | | | | Min. | Max. | | | | | | |
| A | ½" or ¾" | M20 | 0.43" | 0.41" | 0.64" | 10 | 0.49" | 0.81" | 2.44" | 1.18" | 1.28" |
| B | ¾" or 1" | M25 | 0.64" | 0.49" | 0.93" | 21 | 0.66" | 1.02" | 2.68" | 1.42" | 1.56" |
| C | 1" or 1¼" | M32 | 0.86" | 0.85" | 1.23" | 42 | 0.87" | 1.30" | 2.76" | 1.81" | 1.99" |
| C2 | 1¼" or 1½" | M40 | 1.04" | 1.17" | 1.59" | 60 | 1.10" | 1.61" | 2.96" | 2.17" | 2.36" |
| D | 2" or 1½" | M50 | 1.46" | 1.37" | 1.96" | 80 | 1.42" | 2.07" | 3.18" | 2.56" | 2.79" |
| E | 2½" or 2" | M63 | 1.88" | 1.76" | 2.55" | 100 | 1.81" | 2.57" | 3.21" | 3.15" | 3.46" |
| F | 3" or 2½" | M75 | 2.32" | 2.29" | 2.98" | 120 | 2.24" | 3.07" | 3.54" | 3.74" | 4.09" |
| H ¹ | 3½" | M90 | 2.79" | 2.93" | 3.47" | 120 | 3.07" | 3.52" | 4.33" | 4.18" | 4.84" |

All dimensions in inches (except * where dimensions are in millimetres). A - F size metric entry threads are 1.5mm pitch as standard, 15mm length of thread. For H size glands, a 2mm pitch is supplied as standard, 20mm length of thread (1.5mm pitch with 15mm length of thread can be supplied) please specify when ordering

¹ UL approved only.

Technical Data

- UL Listing No: E84940.
- Suitable for use in:
 - Class 1, Division 1, Gas Groups A, B, C and D
 - Class 1, Zone 2, Gas Groups IIA, IIB and IIC
 - AExd IIC and AExe II Class 1, Zone 2.
- Flameproof Exd, Increased Safety Exe II 2 GD and Restricted Breathing ExnR II 3G.
- Certificate No's: Sira 06ATEX1295X and IECEX SIR 06.0082X.
- Suitable for use in Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC.
- Construction and Test Standards: UL 2225, IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-7, IEC/EN 60079-15, IEC/EN 61241-0 and IEC/EN 61241-1.
- Ingress Protection: IP66, IP67 and IP 68 (30 metres for 7 days) to IEC/EN 60529 and NEMA 4X.
- Deluge Protection to DTS01.
- Operating Temperature Range: -50°C to +60°C (UL) and -60°C to +80°C (ATEX / IECEX).
- Assembly Instruction Sheet: AI 317 (UL) and AI 338 (ATEX / IECEX).
- Alternative certification options available:



Features

- Provides 360° armour grounding which is fully Inspectable.
- Grounding Device remains in contact with cable when disassembled for inspection.
- Provides a barrier seal between the individual insulated conductors within the cable and prevents entry of the products of an explosion into the cable.
- Assembly of the cable gland compresses and distributes the compound evenly to effect a barrier seal at the point of entry into the enclosure.
- Provides an outer deluge seal to prevent moisture ingress to the cable armour and enclosure. Deluge seal is coloured red to indicate Hazardous Location product.
- Provides a cable retention and low smoke and fume, zero halogen seal onto the cables outer jacket.
- Manufactured in Brass (standard), Nickel Plated Brass, 316 Stainless Steel or Aluminium.
- Brass NPT entries are nickel plated as standard.

Ordering Information

Format for ordering is as follows:

| Cable Gland / Connector Type | Size | Thread |
|------------------------------|------|--------|
| 711 | C | 1" NPT |

Two part sealing compound and assembly instructions are supplied with the cable gland.