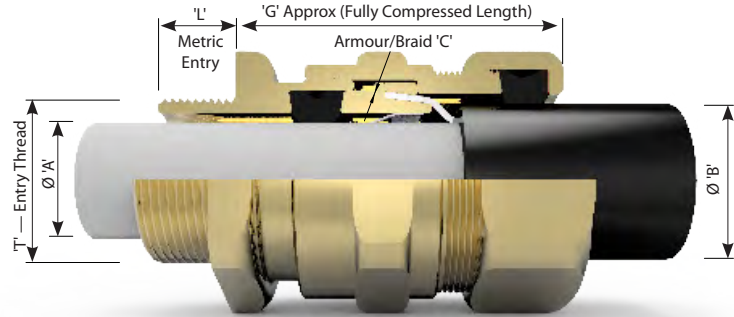




TM E1W



A robust and simple dual compression cable gland for applications using SWA or AWA cable in a heavy industrial environment which is exposed to dust or extreme weather conditions. All cable glands can be supplied with a shroud, lock nut, serrated washer and an earth tag.

| Cable Gland Selection Table | | | | | | | | | | | | | |
|-----------------------------|-----------------------|-------------------------|---------------------------|--------------------------|------------------------|----------------------|------|------------------|------|-------------------------|------|---------------|----------------|
| Size Ref. | Entry Thread Size 'T' | | | Cable Acceptance Details | | | | | | | | Hexagon Dims. | |
| | Metric | NPT* Standard or Option | Length of Thread (mm) 'L' | Inner Sheath 'A' | | | | Outer Sheath 'B' | | Standard Steel Wire 'W' | 'G' | Across Flats | Across Corners |
| | | | | Standard Seal | | Alternative Seal (S) | | Min | Max | | | | |
| | | | | Min | Max | Min | Max | | | | | | |
| Os | M20 ² | ½" | 10 | 3.2 | 8.0 | - | - | 6.5 | 16.0 | 0.8/1.25 | 50.0 | 24.0 | 26.5 |
| O | M20 ² | ½" | 10 | 6.5 | 11.9 | - | - | 6.5 | 16.0 | 0.8/1.25 | 50.0 | 24.0 | 26.5 |
| A | M20 | ¾" or ½" | 10 | 10.0 | 14.3 | 9.0 | 13.4 | 11.5 | 20.9 | 0.8/1.25 | 51.0 | 30.0 | 32.5 |
| B | M25 | 1" or ¾" | 10 | 13.0 | 20.2 | 9.5 | 15.4 | 17.0 | 27.2 | 1.25/1.6 | 55.0 | 36.0 | 39.5 |
| C | M32 | 1¼" or 1" | 10 | 19.5 | 26.5 | 15.5 | 21.2 | 23.5 | 33.6 | 1.6/2.0 | 57.0 | 46.0 | 50.5 |
| C2 | M40 | 1½" or 1¼" | 15 | 25.0 | 32.5 | 22.0 | 28.0 | 31.0 | 43.0 | 1.6/2.0 | 65.0 | 55.0 | 60.6 |
| D | M50 | 2" or 1½" | 15 | 31.5 | 44.4/42.3 ¹ | 27.5 | 34.8 | 36.0 | 52.6 | 2.0/2.5 | 80.0 | 65.0 | 70.8 |
| E | M63 | 2½" or 2" | 15 | 42.5 | 56.3/54.3 ¹ | 39.0 | 46.5 | 52.0 | 65.3 | 2.0/2.5 | 80.0 | 80.0 | 88.0 |
| F | M75 | 3" or 2½" | 15 | 54.5 | 68.2/65.3 ¹ | 49.5 | 58.3 | 64.0 | 78.0 | 2.0/2.5 | 80.0 | 95.0 | 104.0 |

T - Metric entry threads are 1.5mm pitch as standard. All dimensions in millimetres (except * where dimensions are in inches).

¹ Smaller value is applicable when selecting reduced NPT entry option ² Sizes Os and O are available with an M16 thread size. For O size with M16 thread, the maximum cable inner sheath diameter is 10.9mm

Features

- Simple robust 5 piece dual compression cable gland
- Simple mechanical clamping arrangement for all SWA and AWA cable
- Ease of assembly
- High quality materials with exceptional anti corrosion properties
- Tested to the latest industrial standards
- Excellent sealing range
- EMC tested
- All hexagon parts are the same size
- Provides cable retention seal onto the cables Outer and Inner Sheath
- Low smoke and fume, zero halogen seals and shroud available

Technical Data

| | |
|--|---|
| Construction and Test Standards | BS EN 62444:2013 BS6121: Part 1 type E1W |
| Ingress Protection | IP66 IEC/EN 60529 |
| Material | Brass (standard), Nickel Plated Brass, 316L Stainless Steel with Neoprene Seal |
| Operating Temperature | Range: -60°C to +100°C |
| Clamping Arrangement | Two part armour clamp, dual compression seal inner and outer sheath |
| Earth | Electrical continuity using the armour wire termination (SWA, AWA) |
| Cable Type | Single Wire Armour SWA and AWA |
| Kit Information | Stand kit also available with a low smoke option. Use STD for Standard kit or LSF for low smoke |
| Assembly Instructions | AI 510 |

Note: Displacement or Compression seals do not prevent cold flow. IP seal required to maintain IP66.