

A2FHT

A2FHT INTERNATIONALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND

FOR ALL TYPES OF UNARMoured & BRAIDED CABLES

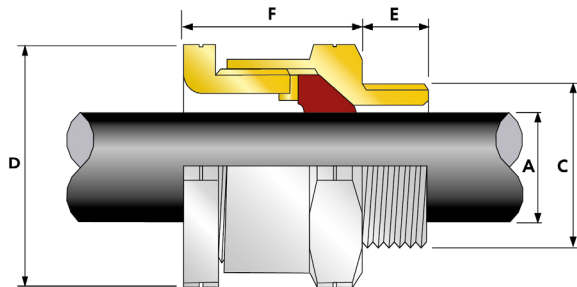
- 60°C to +180°C high temperature ThermEx seals
- Displacement type flameproof seal
- Deluge protected
- Internationally marked, UKEX, IECEx and ATEX



| TECHNICAL CLASSIFICATION | |
|----------------------------------|--|
| DESIGN SPECIFICATION | BS 6121:Part 1:1989, IEC 62444, EN 62444 |
| MECHANICAL CLASSIFICATION* | Impact = Level 8, Cable Anchorage = Type B |
| ENCLOSURE PROTECTION | IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only |
| INGRESS PROTECTION RATING** | IP66, IP67 and IP68*** |
| DELUGE PROTECTION COMPLIANCE | DTS01:91 |
| CABLE TYPE | Unarmoured and Braided when terminated inside enclosure |
| SEAL MATERIAL | CMP SOLO LSF Halogen Free Thermoset Elastomer |
| SEALING TECHNIQUE | CMP Displacement Seal |
| SEALING AREA(S) | Cable Outer Sheath |
| CABLE GLAND MATERIAL | Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium |
| CONTINUOUS OPERATING TEMPERATURE | -60 °C to +180 °C |

| GLOBAL PRODUCT CERTIFICATION | | | |
|------------------------------|---|----------------------|--|
| ATEX CERTIFICATE | CML18ATEX1308X, CML18ATEX4312X | IECEx CERTIFICATE | IECEx CML 18.0173X |
| UKEX CERTIFICATE | CML 21UKEX1249X, CML 21UKEX4250X | | |
| CODE OF PROTECTION | ⊕ II 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da, ⊕ II 3G, Ex nR IIC Gc | CODE OF PROTECTION | Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da, Ex nR IIC Gc |
| COMPLIANCE STANDARDS | EN60079-0,1,7,15,31 | COMPLIANCE STANDARDS | IEC 60079-0,1,7,15,31 |
| ECAS CERTIFICATE | 20-02-05632 | | |
| SANS | IA S-XPL21804 21.0003X | | |

* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.
 *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request



| COMBINED ORDERING REFERENCE (*BRASS METRIC) | | | AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE) | | | | | OVERALL CABLE DIAMETER | | ACROSS FLATS 'D' | ACROSS CORNERS 'D' | PROTRUSION LENGTH 'F' |
|--|-------|-----------------|--|----------------------------|--------|-------------------------|--------|------------------------|------|------------------|--------------------|-----------------------|
| | | | STANDARD | | | OPTION | | | | | | |
| SIZE | TYPE | ORDERING SUFFIX | METRIC | THREAD LENGTH (METRIC) 'E' | NPT | THREAD LENGTH (NPT) 'E' | NPT | MIN | MAX | MAX | MAX | MAX |
| 16 | A2FHT | 1RA | M16 | 15.0 | - | - | - | 3.2 | 8.0 | 24.0 | 26.4 | 34.9 |
| 20S16 | A2FHT | 1RA | M20 | 15.0 | 1/2" | 19.9 | 3/4" | 3.2 | 8.0 | 24.0 | 26.4 | 30.4 |
| 20S | A2FHT | 1RA | M20 | 15.0 | 1/2" | 19.9 | 3/4" | 6.5 | 11.2 | 24.0 | 26.4 | 31.9 |
| 20 | A2FHT | 1RA | M20 | 15.0 | 1/2" | 19.9 | 3/4" | 7.0 | 13.5 | 27.0 | 29.7 | 35.8 |
| 25 | A2FHT | 1RA | M25 | 15.0 | 3/4" | 20.2 | 1" | 11.5 | 19.5 | 36.0 | 39.6 | 40.4 |
| 32 | A2FHT | 1RA | M32 | 15.0 | 1" | 25.0 | 1 1/4" | 19.0 | 25.5 | 41.0 | 45.1 | 38.5 |
| 40 | A2FHT | 1RA | M40 | 15.0 | 1 1/4" | 25.6 | 1 1/2" | 25.0 | 32.2 | 50.0 | 55.0 | 38.8 |
| 50S | A2FHT | 1RA | M50 | 15.0 | 1 1/2" | 26.1 | 2" | 31.0 | 38.2 | 55.0 | 60.5 | 41.4 |
| 50 | A2FHT | 1RA | M50 | 15.0 | 2" | 26.9 | 2 1/2" | 35.6 | 44.0 | 60.0 | 66.0 | 45.8 |
| 63S | A2FHT | 1RA | M63 | 15.0 | 2" | 26.9 | 2 1/2" | 41.5 | 49.9 | 70.5 | 77.6 | 43.3 |
| 63 | A2FHT | 1RA | M63 | 15.0 | 2 1/2" | 39.9 | 3" | 48.2 | 54.9 | 75.0 | 82.5 | 43.6 |
| 75S | A2FHT | 1RA | M75 | 15.0 | 2 1/2" | 39.9 | 3" | 54.0 | 61.9 | 84.0 | 92.4 | 45.4 |

*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
 For NPT options add the following digits to the material suffix; 1/2" = 31; 3/4" = 32; 1" = 33; 1 1/4" = 34; 1 1/2" = 35; 2" = 36; 2 1/2" = 37; 3" = 38; 3 1/2" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32A2FHT1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SA2FHT1RA035 = Brass 1 1/2" NPT, 25A2FHT1RA432 = Stainless Steel 3/4" NPT, 20A2FHT1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated