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, IECEx & ATEX



IP66 IP67 IP68

DELUGE PROTECTED

+180˚C ↑ -60˚C

Ex eb Ex db Ex ta ExnR

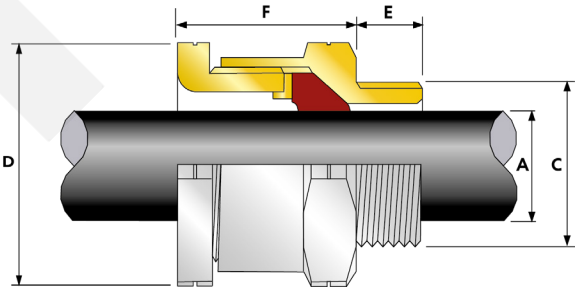
TECHNICAL CLASSIFICATION

DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
INGRESS PROTECTION RATING**	IP66, IP67 & IP68***
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE TYPE	Unarmoured & Braided when terminated inside enclosure
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
SEALING TECHNIQUE	CMP Unique Displacement Seal Concept
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

* Mechanical & Electrical Classifications applied as per IEC 62444 & 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, alternate depths / durations can be provided upon request

GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1308X, CML18ATEX4312X	IECEx CERTIFICATE	IECEx CML 18.0173X
CODE OF PROTECTION	Ex II 2G Ex db IIC Gb, II 2G 1D Ex eb IIC Gb, Ex ta IIIC Da IP66, IP67, IP68 Ex II 3G Ex nRc IIC	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIIC Da, Ex nRc IIC Gc
COMPLIANCE STANDARDS	EN60079-0,1,7,15,31	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
NEPSI CERTIFICATE	GYJ18.1249X		
ECAS CERTIFICATE	20-02-05632		



COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS "C" (ALTERNATE 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
16P	A2FHT	1RA	M16	15.0	-	-	-	3.2	8.0	22.0	24.2	34.7
20S16	A2FHT	1RA	M20	15.0	1/2"	19.9	3/4"	3.2	8.0	24.0	26.4	31.4
20S16P	A2FHT	1RA	M20	15.0	-	-	-	3.2	8.0	22.0	24.2	32.1
20S	A2FHT	1RA	M20	15.0	1/2"	19.9	3/4"	6.5	11.2	24.0	26.4	32.1
20SP	A2FHT	1RA	M20	15.0	-	-	-	6.5	11.2	22.0	24.2	32.1
20	A2FHT	1RA	M20	15.0	1/2"	19.9	3/4"	7.0	13.5	27.0	29.7	35.8
20P	A2FHT	1RA	M20	15.0	-	-	-	7.0	13.5	24.0	26.4	41.4
25	A2FHT	1RA	M25	15.0	3/4"	20.2	1"	11.5	19.5	36.0	39.6	40.4
25P	A2FHT	1RA	M25	15.0	-	-	-	11.5	19.5	32.0	35.2	49.7
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	39.1
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; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32A2FHT1RA534 = Nickel Plated Brass 1¼" NPT, 50SA2FHT1RA035 = Brass 1½" NPT, 25A2FHT1RA432 = Stainless Steel ¾" NPT, 20A2FHT1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary, please see supplementary technical data sheet.