

A2F100HC

INTERNATIONALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND

FOR ALL TYPES OF UNARMoured CABLES HOUSED IN FLEXIBLE HOSE

- Complies 100% with IEC 60079-0 cable retention requirements
- No 'special conditions' for safe use
- Suitable for QLD & NSW coal mining applications
- External hose connection facility
- Approved for Group I & Group II
- High quality durable materials
- Wide sealing range for each cable gland size
- Displacement type flameproof seal
- -60°C to +130°C
- Internationally marked, UKEX, IECEx & ATEX
- Hose connection not liquid tight



IP66 IP67 IP68

DELUGE PROTECTED
+130°C
↑
-60°C

Ex eb Ex db Ex ta Ex nR

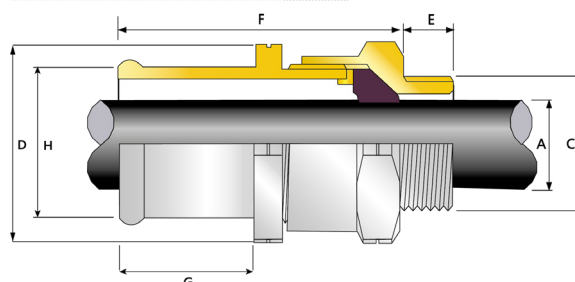
TECHNICAL DATA

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)
INGRESS PROTECTION RATING**	IP66, IP67 & IP68***
DELUGE PROTECTION COMPLIANCE	DTS01 : 91
CABLE GLAND MATERIAL	Electroless Nickel Plated Brass
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
CABLE TYPE	Unarmoured & enclosed within hose for mechanical protection
SEALING TECHNIQUE	CMP Displacement Seal
SEALING AREA(S)	Cable Outer Sheath

* 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, alternative depths / durations can be provided upon request.

GLOBAL PRODUCT CERTIFICATION

ATEX CERTIFICATE	CML18ATEX1307, CML18ATEX4311	IECEx CERTIFICATE	IECEx CML 18.0172, IECEx SIM 17.0010
UKEX CERTIFICATE	CML 21UKEX1247, CML 21UKEX4248	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex nRc IIC Gc, Ex ta IIC Da, Ex db I Mb, Ex eb I Mb
CODE OF PROTECTION	⊕ I M2 Ex db I Mb, Ex eb I Mb ⊕ II 1D Ex ta IIC Da, ⊕ II 2G Ex db IIC Gb, Ex eb IIC Gb	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	ECAS CERTIFICATE	20-02-05362



COMBINED ORDERING REFERENCE			AVAILABLE ENTRY THREADS 'C'		OVERALL CABLE DIAMETER 'A'		HOSE SIZE 'H'	ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	HOSE CONNECTION LENGTH 'G'	CABLE GLAND WEIGHT (kgs)
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH 'E'	MIN	MAX						
20S16	A2F100HC16	1RA	M20	15.0	3.2	8.0	16.0	24.0	26.4	46.4	16.0	0.131
20S	A2F100HC16	1RA	M20	15.0	6.5	11.2	16.0	24.0	26.4	47.9	16.0	0.113
20	A2F100HC16	1RA	M20	15.0	7.0	13.5	16.0	27.0	29.7	51.8	16.0	0.140
20	A2F100HC19	1RA	M20	15.0	7.0	13.5	19.0	27.0	29.7	55.8	20.0	0.140
20L	A2F100HC19	1RA	M20	15.0	8.7	14.0	19.0	27.0	29.7	54.3	20.0	0.138
25	A2F100HC25	1RA	M25	15.0	11.5	19.5	25.0	36.0	39.6	67.4	27.0	0.240
25L	A2F100HC19	1RA	M25	15.0	14.0	20.0	19.0	36.0	39.6	59.9	20.0	0.236
25L	A2F100HC25	1RA	M25	15.0	14.0	20.0	25.0	36.0	39.6	66.9	27.0	0.238
32	A2F100HC32	1RA	M32	15.0	19.0	25.5	32.0	41.0	45.1	71.5	33.0	0.299
32L	A2F100HC25	1RA	M32	15.0	20.2	26.3	25.0	41.0	45.1	62.5	27.0	0.297
32L	A2F100HC32	1RA	M32	15.0	20.2	26.3	32.0	41.0	45.1	68.5	33.0	0.295
40	A2F100HC38	1RA	M40	15.0	25.0	32.2	38.0	50.0	55.0	79.8	41.0	0.430
50S	A2F100HC51	1RA	M50	15.0	31.0	38.2	51.0	55.0	60.5	95.4	54.0	0.838
50	A2F100HC51	1RA	M50	15.0	35.6	44.0	51.0	60.0	66.0	99.8	54.0	0.674
63S	A2F100HC63	1RA	M63	15.0	41.5	49.9	63.0	70.5	77.6	113.3	70.0	1.352
63	A2F100HC63	1RA	M63	15.0	48.2	54.9	63.0	75.0	82.5	113.6	70.0	1.032
75S	A2F100HC76	1RA	M75	15.0	54.0	61.9	76.0	84.0	92.4	136.9	91.5	2.101
75	A2F100HC76	1RA	M75	15.0	61.1	67.9	76.0	84.0	92.4	140.5	91.5	1.492

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.