FORTRA
C SERIES



Shown with optional face seal

Ex eb Ex ta

IP66 IP67 IP68 IP 69K

EMC NEMA 4X NEMA 6P DELUGE PROTECTED +130°C -60°C

CWe

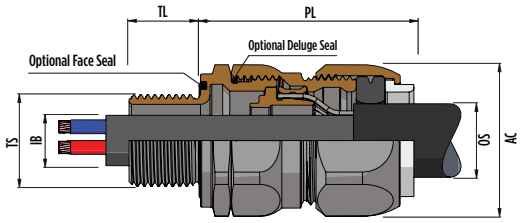
FOR ALL TYPES OF STEEL AND ALUMINIUM WIRE ARMOURED CABLES

- Dedicated captive cone for wire armour, with 'AnyWay' clamping ring
- Metal-to-metal armour clamping; no installation or inspection ambiguity
- Outer seal with wider cable acceptance, meaning fewer stocking sizes
- IP66 as standard with option to fit fully enclosed/protected deluge seal for IP67 68 69 & 69K & third party compliance to DTS 01:91 & NEMA 4X & 6P
- Compact design; ideal for applications with limited installation space
- Fewer installation steps for faster process
- Fewer tools required for installation and maintenance

TECHNICAL DATA	
DESIGN SPECIFICATION	BS 6121-1, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	16-20S Impact = Category 6, 20-130 Impact = Category 8 Wire Armour Anchorage = Type D
ENCLOSURE PROTECTION	16-20S IK08 to IEC 62262 (7 joules) 20-130 IK10 to IEC 62262 (20 joules)
ELECTRICAL CLASSIFICATION	Category B
INGRESS PROTECTION RATING**	IP66 as standard (Order CWeD for IP67, IP68***, IP69 and IP69K & NEMA 4X & 6P option)
TYPE RATING**	Order CWeD for NEMA 4X & 6P
DELUGE PROTECTION COMPLIANCE	Order CWeD for compliance with DTS 01:91
SERVICE TEMPERATURE	-60 to +130 °C
ARMOUR CLAMPING	Dedicated Captive Armour Cone and 'AnyWay' Clamping Ring
SEAL MATERIAL	LSF Halogen Free Silicone
SEALING TECHNIQUE	Outer Environmental/Load Retention Seal
SEALING AREA(S)	Cable Outer Sheath
MATERIAL OPTIONS	Brass †, Electroless Nickel Plated Brass, Aluminium, Stainless Steel
CABLE TYPE (S)	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)

* 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 depth of 30 metres for 7 days, alternative depths / durations can be provided on request
† Not available with NEMA type 4X and 6P

CERTIFICATIONS	
ATEX CERTIFICATE NUMBER	CML 24ATEX1333X
UKEX CERTIFICATE NUMBER	CML 24UKEX1335X
ATEX & UKEX CODE OF PROTECTION	Ex I M2, Ex eb I Mb; Ex II 2G 3G 1D, Ex eb IIC Gb, Ex ta IIIC Da
ATEX & UKEX COMPLIANCE STANDARDS	EN 60079-0, -7, -31
IECEx CERTIFICATE NUMBER	IECEx CML 24.0137X
IECEx CODE OF PROTECTION	Ex eb I Mb, Ex eb IIC Gb, Ex ta IIIC Da
IECEx COMPLIANCE STANDARDS	IEC 60079-0, -7, -31
EAC CERTIFICATE NUMBER	EAЭC KZ 7100841.01.01.07859
EAC CODE OF PROTECTION	Ex 1Ex eb IIC Gb X, Ex Ex ta IIIC Da X
UkrSEPRO CERTIFICATE NUMBER	СЦ 25.1094X
MARINE APPROVALS	LR: LR22320739TA, ABS: 25-0285992-PDA, DNV: TAE000000Y BV: 43180
INMETRO CERTIFICATE NUMBER	TÜV 25.0801X
INDUSTRIAL CERTIFICATE NUMBER	CML 24CA17921
TAIWAN CERTIFICATE NUMBER	ML141200751312
PESO CERTIFICATE NUMBER	P640726/2, P640727/2, P640727/6
CCC CERTIFICATE NUMBER	2026322313007163
cCSAus CERTIFICATE	Contact CMP for full details



COMBINED ORDERING REFERENCE			ENTRY THREAD SIZE 'TS'	ENTRY THREAD PITCH	MINIMUM THREAD LENGTH 'TL'	OVERALL CABLE DIAMETER 'OS'		ARMOUR THICKNESS		MAX ACROSS FLATS	MAX ACROSS CORNERS 'AC'	MAX PROTRUSION LENGTH 'PL'	SHROUD SIZE	ASSEMBLY WEIGHT (KG)
SIZE	TYPE	ORDERING SUFFIX				MIN	MAX	MIN	MAX					
20S16‡	CWe	502	M20	1.5	15.0	6.1	13.2	0.8	1.25	24.0	26.4	56.0	04	0.11
20S‡	CWe	502	M20	1.5	15.0	9.5	15.9	0.8	1.25	24.0	26.4	56.0	04	0.11
20	CWe	502	M20	1.5	15.0	12.5	20.9	0.8	1.25	30.0	33.0	60.0	06	0.17
25	CWe	503	M25	1.5	15.0	16.0	26.2	1.25	1.6	37.5	41.3	73.5	09	0.30
32	CWe	504	M32	1.5	15.0	21.5	33.9	1.6	2.0	46.0	50.6	78.5	11	0.44
40	CWe	505	M40	1.5	15.0	28.0	40.4	1.6	2.0	55.0	60.5	83.5	15	0.63
50	CWe	506	M50	1.5	15.0	38.0	53.2	2.0	2.5	70.0	77.0	95.0	21	1.05
63	CWe	507	M63	1.5	15.0	52.0	66.0	2.0	2.5	80.0	88.0	106.0	25	1.28
75	CWe	508	M75	1.5	15.0	64.5	78.5	2.5	3.15	100.0	110.0	106.0	30	2.24
90	CWeD	509	M90	2	24.0	75.0	90.5	3.15	4.0	114.0	125.4	136.0	32	4.30
100	CWeD	5010	M100	2	24.0	86.0	101.5	3.15	4.0	123.0	135.3	141.0	33	4.42
115	CWeD	5011	M115	2	24.0	101.0	110.5	3.15	4.0	133.0	146.3	155.5	34	6.13
130	CWeD	5012	M130	2	24.0	110.0	123.5	3.15	4.0	153.0	168.3	165.7	35	8.11

Dimensions listed are for cable glands with metric equipment entry threads only. Alternative entry thread types e.g. NPT are available; dimensions may vary.

Part numbers listed are for nickel plated brass cable glands only. Alternative materials are available. ‡ Also available in M16 on request

For material options, please change the 'material suffix', which is the first digit in the 'ordering suffix'. Brass = 0, Stainless Steel = 4 and Nickel Plated Brass = 5.
Examples: 20CWe002 = Brass M20, 40CWe405 = Stainless Steel M40

For NPT thread options, please change the second digit in the 'ordering suffix' to 3 (denotes NPT) and change the final digit to denote the thread size i.e. ½" = 31, ¾" = 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, 5" = 312. Examples: 32CWe533 = Nickel Plated Brass 1" NPT, 50CWe436 = Stainless Steel 2" NPT