FORTRA
C SERIES



Shown with optional face seal

CTU

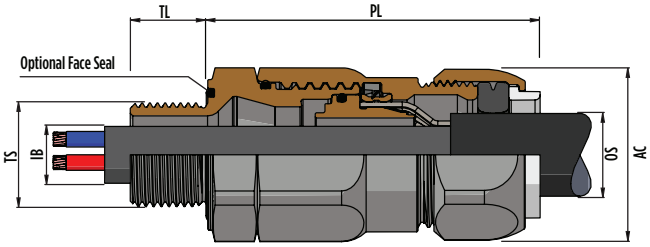
FOR ALL TYPES OF ARMOURED & BRAIDED / SCREENED CABLES

- Unique patented captive 'Adaptive Cone' for all types of armour or braid, with captive 'AnyWay' clamping ring
- Metal-to-metal armour clamping; no installation or inspection ambiguity
- Fewer installation steps for faster process. Unique 'Quick' Thread for faster armour clamping
- Outer seal with wider cable acceptance, meaning fewer stocking sizes
- IP66, 67, 68, 69 & 69K as standard with fully enclosed/protected deluge seal for third party compliance to DTS 01:91 & NEMA 4X & 6P
- Compact design; ideal for applications with limited installation space
- Fewer tools required for installation and maintenance

PATENT PROTECTED
SEE CMP-PRODUCTS.COM/PATENTS

Ex eb | Ex ta | IP66 | IP67 | IP68 | IP 69K | NEMA 4X | NEMA 6P | DELUGE PROTECTED | +130 °C / -60 °C

CERTIFICATIONS	
MARINE APPROVALS	LR: LR22320255TA, ABS: 26-0545921-PDA , DNV: TAE0000457, BV: 43180
INDUSTRIAL CERTIFICATE NUMBER	CML 24CA17921



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, Braid Anchorage = Type C
ENCLOSURE PROTECTION		16-20S IK08 to IEC 62262 (7 Joules) 20-130 IK10 to IEC 62262 (20 Joules)
ELECTRICAL CLASSIFICATION		Category B (Category A when used with braid, tape or pliable wire armour cables)
INGRESS PROTECTION RATING**		IP66, IP67, IP68***, IP69 and IP69K
TYPE RATING**		NEMA 4X & 6P
DELUGE PROTECTION COMPLIANCE		DTS 01:91
SERVICE TEMPERATURE		-60 to +130 °C
ARMOUR CLAMPING		Captive 'Adaptive' Armour Cone and Captive 'AnyWay' Clamping Ring
SEAL MATERIAL		LSF Halogen Free Silicone
SEALING TECHNIQUE		Outer Environmental/Load Retention Seal
SEALING AREA(S)		Cable Outer Sheath
TYPE MATERIAL OPTIONS		Brass†, Electroless Nickel Plated Brass, Stainless Steel
CABLE TYPE (S)	W	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
	X	Pliable Wire Armour (PWA), Steel Tape Armour (STA), Wire Braid Armour (e.g. SWB), Aluminium Strip Armour (ASA), Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Armoured & Jacketed

* 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

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)
								CABLE TYPE (W)		CABLE TYPE (X)						
SIZE	TYPE	ORDERING SUFFIX				MIN	MAX	MIN	MAX	MIN	MAX					
20S16‡	CTU	502	M20	1.5	15.0	6.1	13.2	0.8	1.25	0.3	1.0	24.0	26.4	52.0	04	0.09
20S‡	CTU	502	M20	1.5	15.0	9.5	15.9	0.8	1.25	0.3	1.0	24.0	26.4	52.0	04	0.08
20	CTU	502	M20	1.5	15.0	12.5	20.9	0.8	1.25	0.4	1.2	30.5	33.6	50.0	06	0.12
25	CTU	503	M25	1.5	15.0	16.0	26.2	1.25	1.6	0.4	1.2	37.5	41.3	62.5	09	0.23
32	CTU	504	M32	1.5	15.0	21.5	33.9	1.6	2.0	0.4	1.2	46.0	50.6	66.5	11	0.34
40	CTU	505	M40	1.5	15.0	28.0	40.4	1.6	2.0	0.4	1.6	55.0	60.5	71.5	15	0.51
50	CTU	506	M50	1.5	15.0	38.0	53.2	2.0	2.5	0.6	1.6	70.0	77.0	74.5	21	0.78
63	CTU	507	M63	1.5	15.0	52.0	66.0	2.0	2.5	0.6	1.6	80.0	88.0	85.5	25	0.98
75	CTU	508	M75	1.5	15.0	64.5	78.5	2.5	3.0	0.6	1.6	100.0	110.0	90.0	30	1.84
90	CTU	509	M90	2	24.0	75.0	90.5	3.15	4.0	0.8	1.6	114.0	125.4	133.3	32	3.73
100	CTU	5010	M100	2	24.0	86.0	101.5	3.15	4.0	0.8	1.6	123.0	135.3	125.9	33	3.37
115	CTU	5011	M115	2	24.0	101.0	110.5	3.15	4.0	0.8	1.6	133.0	146.3	140.5	34	4.74
130	CTU	5012	M130	2	24.0	110.0	123.5	3.15	4.0	0.8	1.6	153.0	168.3	140.5	35	6.22

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: 20CTU002 = Brass M20, 40CTU405 = 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: 32CTU533 = Nickel Plated Brass 1" NPT, 50CTU436 = Stainless Steel 2" NPT

Sizes 90-130 are provided with a reversible armour cone. The 'X' side clamps 0.8 – 1.6 mm and the 'W' side clamps 3.15 – 4.0 mm