FORTRA
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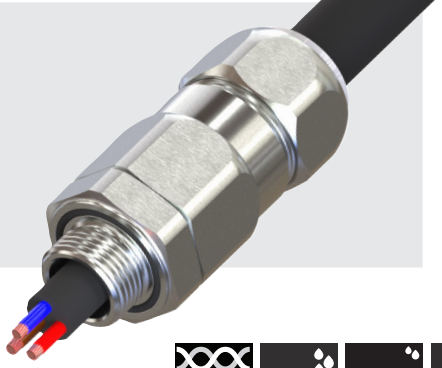


TUV EMC/VFD

FOR ALL TYPES OF ARMOURED/BRAIDED CABLES WITH ADDITIONAL EMC/VFD SCREEN OR LEAD SHEATH

- Unique patented captive 'Adaptive' armour cone for all types of armour or braid, with captive 'AnyWay' clamping ring
- Metal-to-metal armour clamping; no installation or inspection ambiguity
- Unique grounding device provides a 360 degree, low impedance contact around a cable EMC/VFD screen for superior EMC performance, or for continuity to a lead sheath
- Fewer installation steps for faster process. Unique 'Quick' Thread for faster armour clamping
- Inner diaphragm seal – safe, reliable & robust; no installation or inspection ambiguity
- Excellent cold flow performance with third party verified test report on cable types used globally
- 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
- Compact design; ideal for applications with limited installation space
- Fewer tools required for installation and maintenance

EMC IP66 IP67 IP68 IP69K

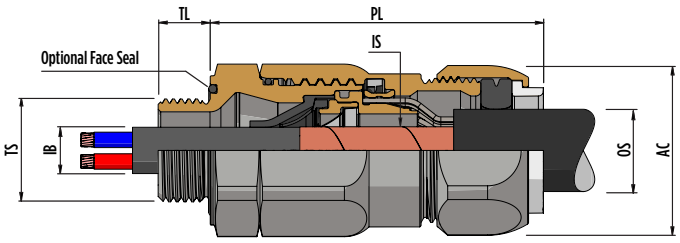
PATENT PROTECTED
SEE CMP-PRODUCTS.COM/PATENTS

NEMA 4X NEMA 6P DELUGE PROTECTED +105°C ↑ -60°C

CERTIFICATIONS	
MARINE APPROVALS	LR:LR22320255TA, ABS: 21-2090848-PDA, DNV: TAE0000457
INDUSTRIAL CERTIFICATE NUMBER	CML 24CA17921

UKCA CE Lloyd's Register DNV

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
DELUGE PROTECTION COMPLIANCE	DTS 01:91
SERVICE TEMPERATURE	-60 to +105 °C



ARMOUR CLAMPING	Captive 'Adaptive' Armour Cone and Captive 'AnyWay' Clamping Ring
SEAL MATERIAL	LSF Halogen Free Silicone
SEALING TECHNIQUE	CMP Inner Diaphragm Seal and Outer Load Retention Seal
SEALING AREA(S)	Cable Inner Bedding and Cable Outer Sheath
TYPE MATERIAL OPTIONS	Brass, Electroless Nickel Plated Brass, Stainless Steel

* 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

COMBINED ORDERING REFERENCE			ENTRY THREAD SIZE 'TS'	ENTRY THREAD PITCH	MINIMUM THREAD LENGTH 'TL'	INNER CABLE BEDDING DIAMETER 'IB'		CABLE DIAMETER OVER SCREEN OR LEAD SHEATH 'IS'		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	MIN	MAX	MIN	MAX					
20S16‡	TUV	502	M20	1.5	10.0	3.1	7.0	3.2	8.0	6.1	13.2	0.0	1.25	24.0	26.4	71.5	04	0.14
20S‡	TUV	502	M20	1.5	10.0	6.0	8.0	6.1	8.0	9.5	15.9	0.0	1.25	24.0	26.4	71.5	04	0.14
20	TUV	502	M20	1.5	10.0	8.0	12.0	8.1	12.0	12.5	20.9	0.0	1.25	30.5	33.6	70.0	06	0.22
25	TUV	503	M25	1.5	10.0	11.0	16.0	11.1	16.0	16.0	26.2	0.0	1.60	37.5	41.3	81.5	09	0.35
32	TUV	504	M32	1.5	10.0	17.0	23.0	17.1	23.0	21.5	33.9	0.0	2.0	46.0	50.6	90.0	11	0.54
40	TUV	505	M40	1.5	15.0	22.0	30.0	22.1	30.0	28.0	40.4	0.0	2.0	55.0	60.5	93.0	15	0.76
50	TUV	506	M50	1.5	15.0	29.5	44.0	30.0	44.0	38.0	53.2	0.0	2.5	70.0	77.0	101.5	21	1.20
63	TUV	507	M63	1.5	15.0	41.5	55.0	41.6	55.0	52.0	66.0	0.0	2.5	80.0	88.0	113.0	25	1.49
75	TUV	508	M75	1.5	15.0	53.5	67.0	53.6	67.0	64.5	78.5	0.0	3.15	100.0	110.0	112.5	30	2.61
90	TUV	509	M90	2	24.0	66.0	78.0	66.1	78.0	75.0	90.5	0.8	4.0	114.0	125.4	150.5	32	4.91
100	TUV	5010	M100	2	24.0	76.0	89.0	76.1	89.0	86.0	101.5	0.8	4.0	123.0	135.3	160.5	33	5.22
115	TUV	5011	M115	2	24.0	86.0	96.0	86.1	96.0	101.0	110.5	0.8	4.0	133.0	146.3	180.5	34	7.25
130	TUV	5012	M130	2	24.0	97.5	114.0	97.6	114.0	110.0	123.5	0.8	4.0	153.0	168.3	191.5	35	9.47

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: 20TUV002 = Brass M20, 40TUV405 = 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: 32TUV533 = Nickel Plated Brass 1" NPT, 50TUV436 = 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