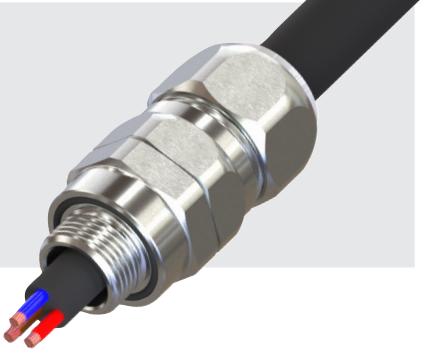
FORTRA E SERIES

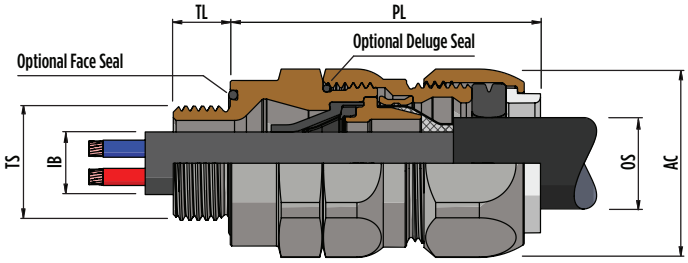


Shown with optional face seal

E1X

FOR BRAID, PLIABLE WIRE AND STEEL TAPE ARMOURED CABLES

- 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
- Dedicated captive cone for braid, 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
- Compact design; ideal for applications with limited installation space
- Fewer installation steps for faster process
- Fewer tools required for installation and maintenance



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 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 A
INGRESS PROTECTION RATING**	IP66 as standard (Order E1XD for IP67, IP68***, IP69 and IP69K option)
DELUGE PROTECTION COMPLIANCE	Order E1XD for compliance with DTS 01:91
SERVICE TEMPERATURE	-60 to +105 °C
ARMOUR CLAMPING	Dedicated Captive Armour Cone and 'AnyWay' Clamping Ring
SEAL MATERIAL	LSF Halogen Free Silicone
SEALING TECHNIQUE	CMP Inner Diaphragm Seal and Outer Environmental/Load Retention Seal
SEALING AREA(S)	Cable Inner Bedding and Cable Outer Sheath
MATERIAL OPTIONS	Brass, Electroless Nickel Plated Brass, Aluminium, Stainless Steel
CABLE TYPE (S)	Wire Braid Armour, Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Aluminium Strip Armour (e.g. ASA)

* 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'		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					
20S16‡	E1X	502	M20	1.5	10.0	3.1	7.0	6.1	13.2	0.3	1.0	24.0	26.4	56.0	04	0.11
20S‡	E1X	502	M20	1.5	10.0	6.0	11.6	9.5	15.9	0.3	1.0	24.0	26.4	56.0	04	0.10
20	E1X	502	M20	1.5	10.0	8.0	14.0	12.5	20.9	0.4	1.0	30.0	33.0	60.0	06	0.17
25	E1X	503	M25	1.5	10.0	11.0	19.5	16.0	26.2	0.4	1.2	37.5	41.3	73.5	09	0.30
32	E1X	504	M32	1.5	10.0	17.0	26.5	21.5	33.9	0.4	1.2	46.0	50.6	78.5	11	0.44
40	E1X	505	M40	1.5	15.0	22.0	32.0	28.0	40.4	0.4	1.6	55.0	60.5	83.5	15	0.63
50	E1X	506	M50	1.5	15.0	29.5	44.0	38.0	53.2	0.6	1.6	70.0	77.0	95.0	21	1.05
63	E1X	507	M63	1.5	15.0	41.5	55.0	52.0	66.0	0.6	1.6	80.0	88.0	106.0	25	1.25
75	E1X	508	M75	1.5	15.0	53.5	68.0	64.5	78.5	0.6	1.6	100.0	110.0	106.0	30	2.24
90	E1XD	509	M90	2	24.0	66.0	78.5	75.0	90.5	0.8	1.6	114.0	125.4	136.0	32	4.30
100	E1XD	5010	M100	2	24.0	76.0	90.5	86.0	101.5	0.8	1.6	123.0	135.3	141.0	33	4.42
115	E1XD	5011	M115	2	24.0	86.0	98.0	101.0	110.5	0.8	1.6	133.0	146.3	155.5	34	6.13
130	E1XD	5012	M130	2	24.0	97.5	115.0	110.0	123.5	0.8	1.6	153.0	168.3	165.5	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: 20E1X002 = Brass M20, 40E1X405 = 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: 32E1X533 = Nickel Plated Brass 1" NPT, 50E1X436 = Stainless Steel 2" NPT