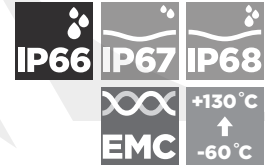


# E1X

## E1X DOUBLE SEAL INDUSTRIAL CABLE GLAND

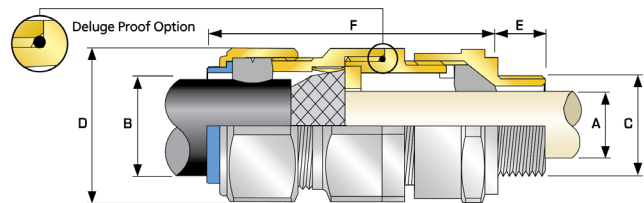
### FOR BRAIDED & STEEL TAPE ARMoured CABLES

- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Displacement type inner seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Deluge protection option
- -60°C to +130°C
- Superior EMC performance



TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121-Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category B (Category A when used with braid, tape or pliable wire armour cables)
INGRESS PROTECTION RATING**	IP66 as standard (IP67, IP68*** available upon request)
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Aluminium
CABLE TYPE	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)
SEAL MATERIAL	CMP Thermoset Rubber
SEALING TECHNIQUE	CMP Inner Displacement Seal & Unique CMP 'LRS' <sup>TM</sup> Outer Load Retention Seal
SEALING AREA(S)	Cable Inner Bedding & Outer Cable Sheath
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring

GLOBAL PRODUCT CERTIFICATION	
GOST R CERTIFICATE	041DJ101.GB.CO2492
MARINE APPROVALS	LRS: 01/00171, ABS: 16-LD1472056-PDA



\* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://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

<sup>†</sup> Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminium Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminium Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W). Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braided armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below. **If Tape Armour is to be used please contact CMP for advice.**

COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					CABLE BEDDING DIAMETER 'A'		OVERALL CABLE DIAMETER 'B'		ARMOUR RANGE † GROOVED CONE (X)		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
			STANDARD		OPTION			MIN	MAX	MIN	MAX	MIN	MAX					
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT							MIN	MAX	MIN	MAX	MIN
20S16	E1X	1RA	M20	10.0	½"	19.9	¾"	3.1	8.6	6.1	13.1	0.3	1.0	24.0	26.4	72.5	PVC04	0.163
20S	E1X	1RA	M20	10.0	½"	19.9	¾"	6.1	11.6	9.5	15.9	0.3	1.0	24.0	26.4	70.0	PVC04	0.150
20	E1X	1RA	M20	10.0	½"	19.9	¾"	6.5	13.9	12.5	20.9	0.4	1.0	30.5	33.6	73.0	PVC06	0.210
25S	E1X	1RA	M25	10.0	¾"	20.2	1"	11.1	19.9	14.0	22.0	0.4	1.2	37.5	41.3	89.0	PVC09	0.330
25	E1X	1RA	M25	10.0	¾"	20.2	1"	11.1	19.9	18.2	26.2	0.4	1.2	37.5	41.3	89.0	PVC09	0.330
32	E1X	1RA	M32	10.0	1"	25.0	1 ¼"	17.0	26.2	23.7	33.9	0.4	1.2	46.0	50.6	86.0	PVC11	0.430
40	E1X	1RA	M40	15.0	1 ¼"	25.6	1 ½"	22.0	32.1	27.9	40.4	0.4	1.6	55.0	60.5	90.0	PVC15	0.620
50S	E1X	1RA	M50	15.0	1 ½"	26.1	2"	29.5	38.1	35.2	46.7	0.4	1.6	60.0	66.0	91.0	PVC18	0.750
50	E1X	1RA	M50	15.0	2"	26.9	2 ½"	35.6	44.0	40.4	53.0	0.6	1.6	70.1	77.1	95.0	PVC21	0.950
63S	E1X	1RA	M63	15.0	2"	26.9	2 ½"	40.1	49.9	45.6	59.4	0.6	1.6	75.0	82.5	102.0	PVC23	1.340
63	E1X	1RA	M63	15.0	2 ½"	39.9	3"	47.2	55.9	54.6	65.8	0.6	1.6	80.0	88.0	104.0	PVC25	1.340
75S	E1X	1RA	M75	15.0	2 ½"	39.9	3"	52.8	61.9	59.0	72.0	0.6	1.6	90.0	99.0	115.0	PVC28	2.110
75	E1X	1RA	M75	15.0	3"	41.5	3 ½"	59.1	67.9	66.7	78.4	0.6	1.6	100.0	110.0	117.0	PVC30	2.420
90	E1X	1RA	M90	24.0	3 ½"	42.8	4"	66.6	78.6	76.2	90.3	0.8	1.6	114.3	125.4	147.0	PVC32	4.210
100	E1X	1RA	M100	24.0	4"	44.0	5"	76.0	90.9	86.1	101.4	0.8	1.6	123.0	135.3	140.0	LSF33	4.450
115	E1X	1RA	M115	24.0	4"	44.0	5"	86.0	97.9	101.5	110.2	0.8	1.6	133.4	146.7	162.0	LSF34	6.190
130	E1X	1RA	M130	24.0	5"	46.8	6"	97.0	114.9	110.2	123.2	0.8	1.6	152.4	160.6	174.0	LSF35	8.340

\*Note : For material options please add the following suffix to change the ordering reference ; Brass (no suffix required), Nickel Plated Brass "5", Copper Free Aluminium "1"  
For NPT options add the following digits to the material suffix; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32E1X1RA534 = Nickel Plated Brass 1 ¼" NPT, 50SE1X1RA035 = Brass 1 ½" NPT, 20E1X1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.