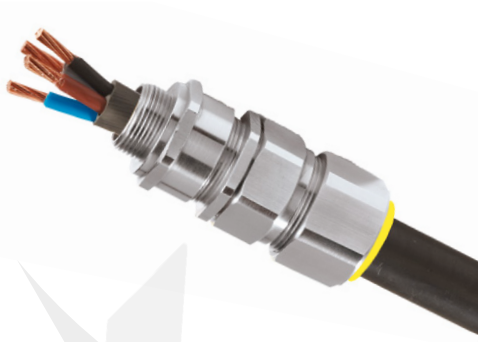
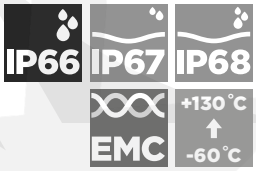
E1W SOLO™

E1W INDUSTRIAL DOUBLE SEAL CABLE GLAND SOLO LSF KIT

FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMOURED CABLES



- Metal-to-metal armour clamping
- Direct & remote installation
- Displacement type inner seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Deluge protection option
- -60˚C to +130˚C
- Superior EMC performance
- LUL (London Underground) approved



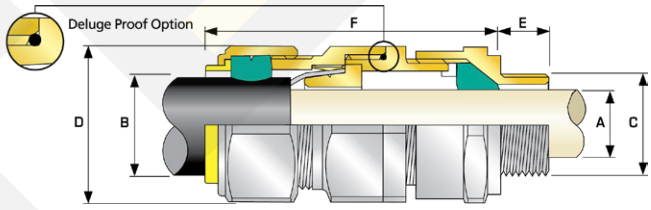
TECHNICAL CLASSIFICATION	
TYPE	E1W SOLO-Kit
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Class D
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
ELECTRICAL CLASSIFICATIONS*	Category B
INGRESS PROTECTION RATING**	IP66 as standard (IP67, IP68*** available upon request)
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Aluminium
CABLE TYPE	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermoset Elastomer
SEALING TECHNIQUE	CMP Inner Displacement Seal & Unique CMP 'LRS'™ Outer Load Retention Seal
SEALING AREA(S)	Cable Inner Bedding & Outer Cable Sheath
ARMOUR CLAMPING	Detachable Armour Cone & AnyWay Universal Clamping Ring
CABLE GLAND KITS AVAILABLE	Up to & including size 25 - 2 glands, 2 locknuts, 2 earth tags & 2 LSF shrouds Size 32 & above - 1 gland, 1 locknut, 1 earth tag & 1 LSF shroud

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

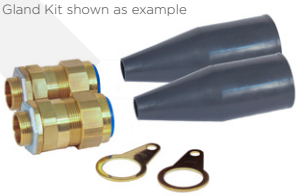
Ordering suffix '2RA' includes locknut, earth tag & shroud

Other kit options available

GLOBAL PRODUCT CERTIFICATION	
MARINE APPROVALS	LRS: 01/00171 , ABS: 16-LD1472056-PDA



Gland Kit shown as example



COMBINED ORDERING REFERENCE (*BRASS METRIC)			AVAILABLE ENTRY THREADS "C" (ALTERNATE METRIC THREAD LENGTHS AVAILABLE)					CABLE BEDDING DIAMETER "A"		OVERALL CABLE DIAMETER "B"		ARMOUR RANGE		ACROSS FLATS "D"	ACROSS CORNERS "D"	PROTRUSION LENGTH "F" (WITHOUT SHROUD)	CABLE GLAND ONLY WEIGHT (kgs)
			STANDARD				OPTION										
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) "E"	NPT	THREAD LENGTH (METRIC) "E"	NPT	MIN	MAX	MIN	MAX	MIN	MAX	MAX	MAX		
20S16	E1WLSF	2RA	M20	10.0	½"	19.9	¾"	3.1	8.6	6.1	13.1	0.8	1.25	24.0	26.4	72.5	0.163
20S	E1WLSF	2RA	M20	10.0	½"	19.9	¾"	6.1	11.6	9.5	15.9	0.8	1.25	24.0	26.4	70.0	0.150
20	E1WLSF	2RA	M20	10.0	½"	19.9	¾"	6.5	13.9	12.5	20.9	0.8	1.25	30.5	33.6	73.0	0.210
25S	E1WLSF	2RA	M25	10.0	¾"	20.2	1"	11.1	19.9	14.0	22.0	1.25	1.6	37.5	41.3	89.0	0.330
25	E1WLSF	2RA	M25	10.0	¾"	20.2	1"	11.1	19.9	18.2	26.2	1.25	1.6	37.5	41.3	89.0	0.330
32	E1WLSF	2RA	M32	10.0	1"	25.0	1 ¼"	17.0	26.2	23.7	33.9	1.6	2.0	46.0	50.6	86.0	0.430
40	E1WLSF	2RA	M40	15.0	1 ¼"	25.6	1 ½"	22.0	32.1	27.9	40.4	1.6	2.0	55.0	60.5	90.0	0.620
50S	E1WLSF	2RA	M50	15.0	1 ½"	26.1	2"	29.5	38.1	35.2	46.7	2.0	2.5	60.0	66.0	91.0	0.750
50	E1WLSF	2RA	M50	15.0	2"	26.9	2 ½"	35.6	44.0	40.4	53.0	2.0	2.5	70.1	77.1	95.0	0.950
63S	E1WLSF	2RA	M63	15.0	2"	26.9	2 ½"	40.1	49.9	45.6	59.4	2.0	2.5	75.0	82.5	102.0	1.340
63	E1WLSF	2RA	M63	15.0	2 ½"	39.9	3"	47.2	55.9	54.6	65.8	2.0	2.5	80.0	88.0	104.0	1.340
75S	E1WLSF	2RA	M75	15.0	2 ½"	39.9	3"	52.8	61.9	59.0	72.0	2.0	2.5	90.0	99.0	115.0	2.110
75	E1WLSF	2RA	M75	15.0	3"	41.5	3 ½"	59.1	67.9	66.7	78.4	2.5	3.0	100.0	110.0	117.0	2.420
90	E1WLSF	2RA	M90	24.0	3 ½"	42.8	4"	66.6	78.6	76.2	90.3	3.15	4.0	114.3	125.4	147.0	4.210
100	E1WLSF	2RA	M100	24.0	4"	44.0	5"	76.0	90.9	86.1	101.4	3.15	4.0	123.0	135.3	140.0	4.450
115	E1WLSF	2RA	M115	24.0	4"	44.0	5"	86.0	97.9	101.5	110.2	3.15	4.0	133.4	146.7	162.0	6.190
130	E1WLSF	2RA	M130	24.0	5"	46.8	6"	97.0	114.9	110.2	123.2	3.15	4.0	152.4	167.6	174.0	8.340

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; 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: 32E1WLSF2RA5 = Nickel Plated Brass, 32E1WLSF2RA1 = Copper Free Aluminium, 20E1WLSF2RA5 = 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, please see supplementary technical data sheet.