

Cable Glands | HAZARDOUS AREA CCG™ CABLE GLANDS

INDOOR/OUTDOOR - STEEL WIRE, BRAID and TAPE ARMOUR



CCG E1EX Cable Gland

The E1EX Gland incorporates freely rotating captive cone and inspectable cone ring providing an armour clamp and earth bond on steel wire and aluminium armoured cables (AWA with Nickel Plated Only). Designed for use in hazardous areas the E1EX is suitable for indoor and outdoor. The patented disconnect system allows inspection of the armour clamp and inner seal after assembly. Provides an increased safety EExe IIC seal on the inner and outer cable sheath to IP68 if fitted with a sealing washer.

- For indoor and outdoor use in hazardous areas. Group II, III, Zone 1, 2, 21 and 22.
- Two-part handling, no loose parts.
- Seals the cable sheath to IP66 / IP68.
- Captive Cone and Ring for use with Steel Wire and Aluminium Wire Armour.
- Aluminium Wire Armour with Nickel Plated Only.
- Precision manufactured from high quality brass.
- Supplied complete with IP sealing washer.

Hazardous: IECEx: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex tb IIC Db

Classification: ATEX: II 2GD, II 3G, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc

Certification: IECEx CML 18.0018X

CML 16ATEX1001X

CML 16ATEX4002X

TUV15.0483X

MASC MS/13-028X

IEC 60079-0, IEC 60079-1, IEC 60079-7

IEC60079-15, IEC60079-31

EN 60079-0, EN60079-1, EN60079-7, EN 60079-15

EN 60079-0, EN 60079-15

ABNT NBR IEC 60079-0, 1, 7, 15 and 31

SANS/IEC 60079-0, SANS/IEC 60079-1

SANS/IEC 60079-7, SANS/IEC 60079-15

SANS/IEC 60079-31

Marine: ABS 14-SG1216922-PDA / DNV-GL TAE0000010



EMC Compatible: SGS EMC197708/1

Protection: IP66 / IP68 (2m) IEC 60529

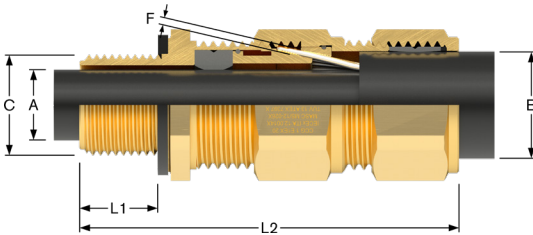
Temperature Range: -60°C to 100°C

Material (Gland): Brass / Nickel Plated Brass (Marine Grade)

Material (Seal): Thermoset Elastomer



Code	Kit Code	Low Smoke LS Kit Code	Reference Size	Bedding OD (A)		Cable OD (B)		Gland Length (L2)	Armour Dia (F)		Thread Entry (C)	Length (L1)
				Min	Max	Min	Max		Min	Max		
052316A-UN	GPE1EX16-UN	GPE1EX16LS-UN	00 - 16ss	3.0	8.5	8.0	13.5	75.0	0.20	0.90	M16 x 1.5	15.0
052300A-UN	GPE1EX00-UN	GPE1EX00LS-UN	00 - 20ss	3.0	8.5	8.0	13.5	75.0	0.20	0.90	M20 x 1.5	15.0
0523-0A-UN	GPE1EX0-UN	GPE1EX0LS-UN	0 - 20s	7.0	12.0	11.5	16.0	75.0	0.20	1.25	M20 x 1.5	15.0
052301A-UN	GPE1EX1-UN	GPE1EX1LS-UN	1 - 20	9.0	15.0	14.5	20.5	78.0	0.20	1.25	M20 x 1.5	15.0
052302A-UN	GPE1EX2-UN	GPE1EX2LS-UN	2 - 25	14.0	20.0	20.5	26.5	85.0	0.20	1.60	M25 x 1.5	15.0
052303A-UN	GPE1EX3-UN	GPE1EX3LS-UN	3 - 32	19.0	26.5	26.5	33.5	91.0	0.20	2.00	M32 x 1.5	15.0
052304A-UN	GPE1EX4-UN	GPE1EX4LS-UN	4 - 40	26.0	34.0	33.0	42.5	108.0	0.30	2.00	M40 x 1.5	15.0
052305A-UN	GPE1EX5-UN	GPE1EX5LS-UN	5 - 50	34.0	44.5	42.5	52.5	117.0	0.40	2.50	M50 x 1.5	15.0
052306A-UN	GPE1EX6-UN	GPE1EX6LS-UN	6 - 63	44.0	56.5	52.5	65.5	145.0	0.40	2.50	M63 x 1.5	15.0
052307A-UN	GPE1EX7-UN	GPE1EX7LS-UN	7 - 75	56.0	67.5	65.5	78.0	153.0	0.40	3.15	M75 x 1.5	15.0
052308A-UN	GPE1EX8-UN	GPE1EX8LS-UN	8 - 80	59.0	69.0	65.0	77.5	215.0	2.50	3.15	M80 x 2.0	20.0
052309A-UN	GPE1EX9-UN	GPE1EX9LS-UN	9 - 90	74.0	81.5	82.0	91.0	224.0	3.00	3.50	M90 x 2.0	20.0
052310A-UN	GPE1EX10-UN	GPE1EX10LS-UN	10 - 100	81.0	91.0	90.0	100.0	229.0	3.00	3.50	M100 x 2.0	20.0



E1EX Glands can also be supplied in kits complete with;
2 glands, 2 locknuts, 2 earthtags, 2 PVC shrouds (M16-M32)
1 gland, 1 locknut, 1 earthtag, 1 PVC shroud (M40-M100)

Earthtags

(see p.94)

Gland Pack

Locknuts

(see p.89)

