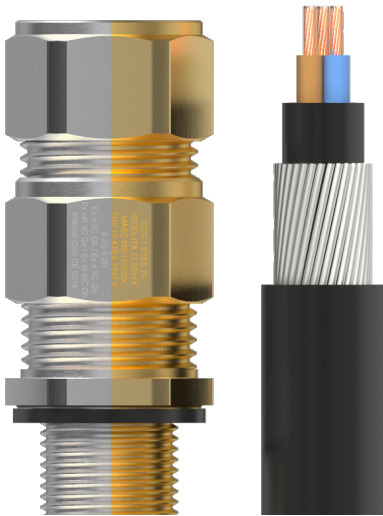


Cable Glands | HAZARDOUS AREA CCG™ CABLE GLANDS

INDOOR/OUTDOOR - STEEL & ALUMINIUM WIRE ARMOUR



CCG E1EX Cable Gland

The E1EX Double Compression Gland is designed for use with steel wire and aluminium armoured cables in hazardous areas.

- For indoors, outdoors, Group II, III, Zone 1, 2, 20, 21 and 22 hazardous areas.
- Two-part handling, no loose parts.
- A freely rotating captive cone and inspectable cone ring provide an armour clamp and earth bond on Steel Wire and Aluminium Armour (Nickel Plated Only).
- Captive Component Gland® with Variable Deluge Seal™
- Patented disconnect system allows for inspection of the armour clamp and inner seal after assembly.

Equipment Protection Levels:

IECEx/INMETRO: Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc, Ex ta IIC Da
ATEX/UKEX: Ⓜ II 2/3 G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex nR IIC Gc Ex ta IIC Da

Conformance: Standard:

IEC/BS EN IEC/BS EN 62444, 6121
IECEx IEC 60079 Part 0, 1, 7, 15, 31
ATEX EN 60079 Part 0, 1, 7, 31
EN 60079 Part 0, 15

Certification:

CML 14CA364
IECEx CML 18.0018X
CML 16ATEX1001X
CML 16ATEX4002X
CML 21UKEX1011X
CML 21UKEX4006X
DTS-01

Deluge Protection:

Marine: ABS IEC/EN 60079 Part 0, 1, 7, 15, 31 and IEC 60529
DNV IEC/EN 60079 Part 0, 1, 7, 15, 31



Protection: IP66 / IP68 (100m - Parallel) IEC 60529

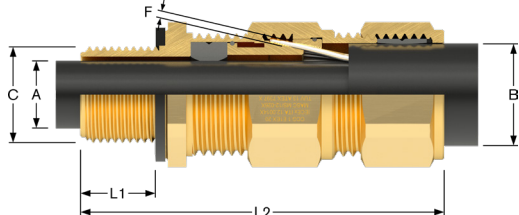
Temperature Range: Standard -60°C to 95°C / Extreme -60°C to 160°C

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

Material (Seal): Standard Thermoset Elastomer or Extreme Temperature Seals

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	0.90	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	0.90	0.90	M20 x 1.5	15.0
0523-0A-UN	GPE1EX0-UN	GPE1EX0LS-UN	0 - 20ss	7.0	12.0	11.5	16.0	75.0	0.90	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	0.90	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	1.25	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	1.60	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	1.60	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	2.00	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	2.00	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	2.50	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

• For Nickel Plated remove -UN when ordering



Kits supplied with;

- 2 glands, 2 locknuts, 2 earhtags, 2 PVC or LS shrouds (M16-M32)
- 1 gland, 1 locknut, 1 earhtag, 1 PVC or LS shrouds (M40-M100)



All dimensions in mm except where stated