

E1EX LEAD SEAL

EExde IIC captive cone gland

for LEAD SHEATHED CABLE

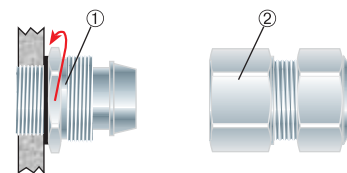


Safe and Simple

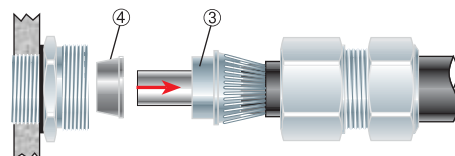
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FITTING INSTRUCTIONS FOR CCG E1EX EExde LEAD SEAL GLAND

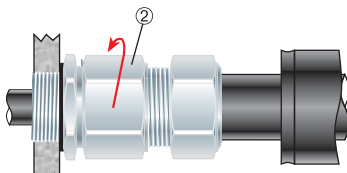
1. Screw gland unit into apparatus and tighten gland inner ①. Strip outer sheath and pass gland outer body ②.



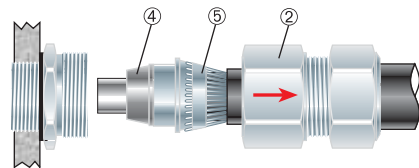
2. Spread out armour wire and fit gland cone ③. Pass lead seal earth bond ④ over lead sheath.



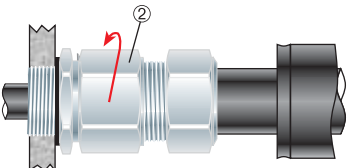
3. Pass cable end through inner body and tighten gland outer body ② into inner.



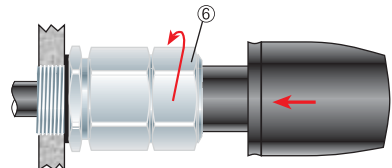
4. Unscrew gland outer body ② and check lead seal earth bond ④ and armour clamp ⑤.



5. Pass cable end through inner and screw outer body ② onto inner and tighten.

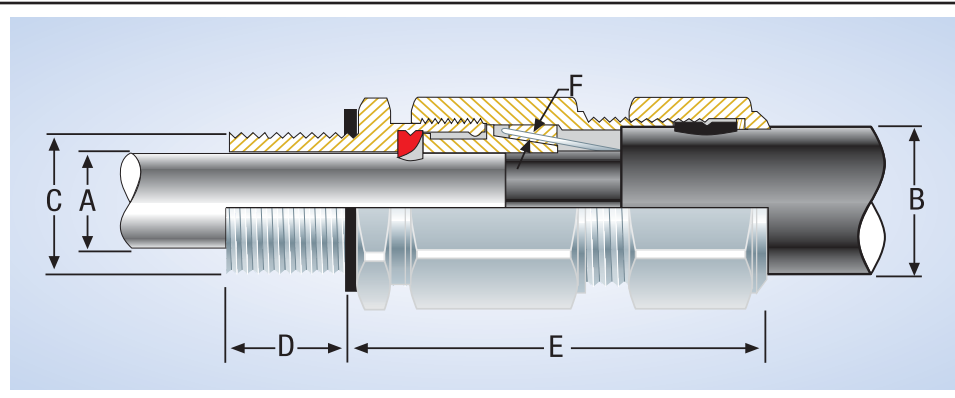


6. Tighten outer nut ⑥ to produce IP outer seal.



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CCG E1EX Lead Seal Cable Gland



Product Code	Gland Size Reference	Entry Thread		Cable Details (Dia)		Min-Max Armouring Wire 'F' Dia	Maximum Length 'E'	Hexagonal Across 'Flats'
		Dia 'C'	Lenght 'D'	Lead Sheath Min-Max 'A'	Min-Max 'B'			
052316-LS	00-16ss	M16	15	3.0-8.5	8.0-13.5	0.2-1.25	62	24
052300-LS	00-20ss	M20	15	3.0-8.5	8.0-13.5	0.2-1.25	62	24
05230-LS	0-20s	M20	15	8.0-11.5	11.5-16.0	0.2-1.25	62	24
052301-LS	1-20	M20	15	11.0-13.5	14.5-21.0	0.2-1.25	75	27
052302-LS	2-25	M25	15	13.0-16.5	20.5-27.0	0.2-1.6	90	35
052303s-LS	3-32s	M32	15	16.0-19.0	26.5-33.5	0.2-2.0	94	42
052303-LS	3-32	M32	15	18.0-21.0	26.5-33.5	0.2-2.0	94	42
052304s-LS	4-40s	M40	20	20.5-25.0	33.0-43.0	0.3-2.0	105	52
052304-LS	4-40	M40	20	23.0-29.0	33.0-43.0	0.3-2.0	105	52
052305s-LS	5-50s	M50	20	28.5-34.0	42.5-52.0	0.4-2.5	125	65
052305-LS	5-50	M50	20	33.5-36.0	42.5-52.0	0.4-2.5	125	65
052306s-LS	6-63s	M63	20	35.5-39.0	52.0-65.0	0.4-2.5	125	82
052306m-LS	6-63m	M63	20	38.5-42.0	52.0-65.0	0.4-2.5	125	82
052306L-LS	6-63L	M63	20	41.5-44.0	52.0-65.0	0.4-2.5	125	82
052307s-LS	7-75s	M75	20	43.0-49.0	64.0-78.0	0.4-3.0	172	96
052307m-LS	7-75m	M75	20	48.0-54.0	64.0-78.0	0.4-3.0	172	96
052307L-LS	7-75L	M75	20	53.0-59.0	64.0-78.0	0.4-3.0	172	96

All dimensions are in mm.

Features and Benefits

- Cable gland manufactured from high quality brass and nickel plated.
- Lead Seals are supplied to match the exact dimensions of cable given by the customer.

Technical Data

Type	E1EX Lead Seal
Gland Material	Brass (Nickel Plated)
Seal Material	Thermoplastic Elastomer and Lead
Cable Type	Steel Wire Armour, Lead Sheath
Armour Clamping	Captive Cone and Cone Ring
Sealing Area	Inner Lead Sheath and Outer Sheath
Optional Accessories	Locknut

Standards and Certifications

Hazardous Area Classification		
SANS/SABS IEC		Zone 1, 2, 20, 21and 22 Exd I/IIC, Exe I/IIC and DIP
CENELEC / ATEX		Category 2, Category 3, EEx de I/II 2 GD
Compliance Code		Certification No.
CENELEC / ATEX		
EN50014	1997E	DEMKO 01 ATEX 130325X
EN50018	2000E	DEMKO 01 ATEX 130325X
EN50019	2000E	DEMKO 01 ATEX 130325X
EN50281-1-1	1999E	DEMKO 01 ATEX 130325X
SANS / SABS / IEC		
SANS/SABS 1213	1994	SABS MS/W 450U
SANS/SABS 1031	1994	SABS MS/W 450U
SANS/SABS IEC 60079-0	2000	SABS MS/W 450U
SANS/SABS IEC 60079-7	2001	SABS MS/W 450U
SANS/SABS IEC 60529	1989	SABS MS/W 450U
SANS/SABS IEC 61241.1.1	1999	SABS MS/W 450U
Ingress Protection		IP 66/67/68
Operating Temperature		-30°C to +180°C