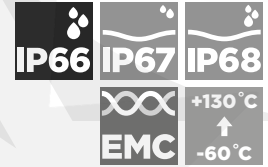
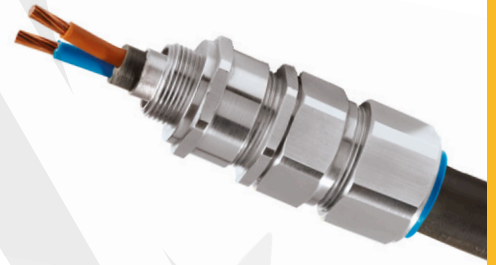


E2X

E2X DOUBLE SEAL INDUSTRIAL CABLE GLAND

FOR LEAD SHEATHED BRAIDED CABLES

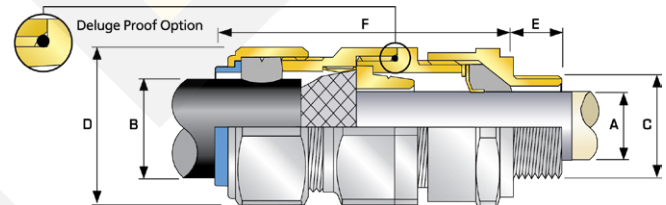
- Effectively earths / grounds lead sheathed cables
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Displacement type inner seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- 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 | Lead Sheathed & Wire Braid Armour, Lead Sheathed & Steel Tape Armour (LC/STA), Lead Sheathed & Pliable Wire Armour (LC/PWA), Lead Sheathed & Aluminium Strip Armour (LC/ASA) |
| SEAL MATERIAL | CMP Thermoset Rubber |
| SEALING TECHNIQUE | CMP Inner Displacement Seal & Unique CMP 'LRS'™ Outer Load Retention Seal |
| SEALING AREA(S) | Cable Inner Lead Sheath & Outer Sheath |
| ARMOUR CLAMPING | Detachable Armour Cone & AnyWay Universal Clamping Ring |

* 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

| GLOBAL PRODUCT CERTIFICATION | |
|------------------------------|--------------------------------------|
| GOSTR CERTIFICATE | POCC GB.HA46.H00140 |
| MARINE APPROVALS | LRS: 01/00171, ABS: 16-LD1472056-PDA |



† 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" | | | | | CABLE LEAD SHEATH DIAMETER "A" | | OVERALL CABLE DIAMETER "B" | | ARMOUR RANGE† GROOVED CONE (X) | | ACROSS FLATS "D" | | ACROSS CORNERS "D" | | PROTRUSION LENGTH "F" | SHROUD | CABLE GLAND WEIGHT (kgs) |
|--|------|--------------------|-----------------------------|-------------------------------------|------|-------------------------------|------|-----------------------------------|-------|-------------------------------|-------|-----------------------------------|-----|---------------------|-------|-----------------------|-------|--------------------------|--------|-----------------------------------|
| | | | STANDARD | | | OPTION | | | | | | | | | | | | | | |
| SIZE | TYPE | ORDERING SUFFIX | METRIC | THREAD LENGTH (METRIC "E") | NPT | THREAD LENGTH (NPT) "E" | NPT | MIN | MAX | MIN | MAX | MIN | MAX | MAX | MAX | MAX | MAX | | | |
| 20S16 | E2X | 1RA | M20 | 10.0 | ½" | 19.9 | ¾" | 3.1 | 7.8 | 6.1 | 13.1 | 0.3 | 1.0 | 24.0 | 26.4 | 72.5 | PVC04 | 0.160 | | |
| 20S | E2X | 1RA | M20 | 10.0 | ½" | 19.9 | ¾" | 6.1 | 11.0 | 9.5 | 15.9 | 0.3 | 1.0 | 24.0 | 26.4 | 70.0 | PVC04 | 0.150 | | |
| 20 | E2X | 1RA | M20 | 10.0 | ½" | 19.9 | ¾" | 6.5 | 13.4 | 12.5 | 20.9 | 0.4 | 1.0 | 30.5 | 33.6 | 73.0 | PVC06 | 0.210 | | |
| 25S | E2X | 1RA | M25 | 10.0 | ¾" | 20.2 | 1" | 11.1 | 19.3 | 14.0 | 22.0 | 0.4 | 1.2 | 37.5 | 41.3 | 89.0 | PVC09 | 0.330 | | |
| 25 | E2X | 1RA | M25 | 10.0 | ¾" | 20.2 | 1" | 11.1 | 19.3 | 18.2 | 26.2 | 0.4 | 1.2 | 37.5 | 41.3 | 89.0 | PVC09 | 0.330 | | |
| 32 | E2X | 1RA | M32 | 10.0 | 1" | 25.0 | 1 ¼" | 17.0 | 25.5 | 23.7 | 33.9 | 0.4 | 1.2 | 46.0 | 50.6 | 86.0 | PVC11 | 0.430 | | |
| 40 | E2X | 1RA | M40 | 15.0 | 1 ¼" | 25.6 | 1 ½" | 22.0 | 31.2 | 27.9 | 40.4 | 0.4 | 1.6 | 55.0 | 60.5 | 90.0 | PVC15 | 0.620 | | |
| 50S | E2X | 1RA | M50 | 15.0 | 1 ½" | 26.1 | 2" | 29.5 | 37.2 | 35.2 | 46.7 | 0.4 | 1.6 | 60.0 | 66.0 | 91.0 | PVC18 | 0.750 | | |
| 50 | E2X | 1RA | M50 | 15.0 | 2" | 26.9 | 2 ½" | 35.6 | 42.6 | 40.4 | 53.0 | 0.6 | 1.6 | 70.1 | 77.1 | 95.0 | PVC21 | 0.960 | | |
| 63S | E2X | 1RA | M63 | 15.0 | 2" | 26.9 | 2 ½" | 40.1 | 48.5 | 45.6 | 59.4 | 0.6 | 1.6 | 75.0 | 82.5 | 102.0 | PVC23 | 1.350 | | |
| 63 | E2X | 1RA | M63 | 15.0 | 2 ½" | 39.9 | 3" | 47.2 | 54.2 | 54.6 | 65.8 | 0.6 | 1.6 | 80.0 | 88.0 | 104.0 | PVC25 | 1.350 | | |
| 75S | E2X | 1RA | M75 | 15.0 | 2 ½" | 39.9 | 3" | 52.8 | 60.2 | 59.0 | 72.0 | 0.6 | 1.6 | 90.0 | 99.0 | 115.0 | PVC28 | 2.120 | | |
| 75 | E2X | 1RA | M75 | 15.0 | 3" | 41.5 | 3 ½" | 59.1 | 65.2 | 66.7 | 78.4 | 0.6 | 1.6 | 100.0 | 110.0 | 117.0 | PVC30 | 2.430 | | |
| 90 | E2X | 1RA | M90 | 24.0 | 3 ½" | 42.8 | 4" | 66.6 | 77.1 | 76.2 | 90.3 | 0.8 | 1.6 | 114.3 | 125.4 | 147.0 | PVC32 | 4.230 | | |
| 100 | E2X | 1RA | M100 | 24.0 | 4" | 44.0 | 5" | 76.0 | 88.1 | 86.1 | 101.4 | 0.8 | 1.6 | 123.0 | 135.3 | 140.0 | LSF33 | 4.470 | | |
| 115 | E2X | 1RA | M115 | 24.0 | 4" | 44.0 | 5" | 86.0 | 94.1 | 101.5 | 110.2 | 0.8 | 1.6 | 133.4 | 146.7 | 162.0 | LSF34 | 6.210 | | |
| 130 | E2X | 1RA | M130 | 24.0 | 5" | 46.8 | 6" | 97.0 | 110.1 | 110.2 | 123.2 | 0.8 | 1.6 | 152.4 | 167.6 | 174.0 | LSF35 | 8.360 | | |

*Note: For material options please add the following suffix to change the Ordering Reference; Brass (no suffix required), Nickel Plated Brass "S", 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: 32E2X1RA534 = Nickel Plated Brass 1 ¼" NPT, 50SE2X1RA035 = Brass 1 ½" NPT, 20E2X1RA5 = 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.