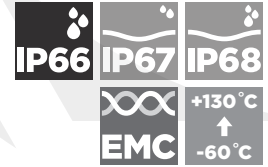
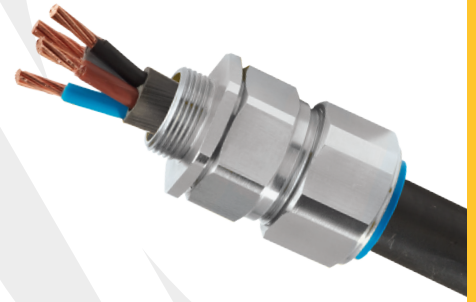


## CW SINGLE SEAL INDUSTRIAL CABLE GLAND

### FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMoured CABLES

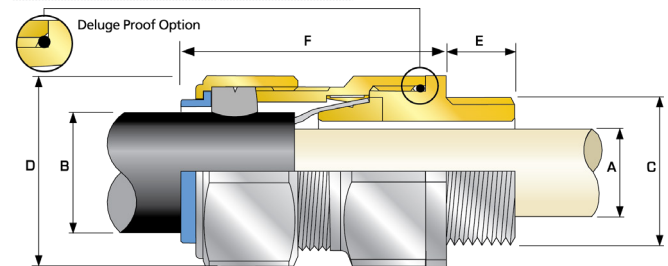
- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60°C to +130°C (standard), -20°C to 200°C (ThermIn option page 117)
- Deluge protection option
- 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   |
| INGRESS PROTECTION RATING** | IP66 as standard (IP67, IP68*** available upon request)  |
| CABLE GLAND MATERIAL        | Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium   |
| CABLE TYPE                  | Single Wire Armour (SWA), Aluminium Wire Armour (AWA)  |
| SEAL MATERIAL               | CMP Thermoset Rubber   |
| SEALING TECHNIQUE           | Unique CMP 'LRS' Outer Seal (Load Retention Seal)  |
| SEALING AREA(S)             | Cable Outer Sheath   |
| ARMOUR CLAMPING             | Detachable Armour Cone & AnyWay Universal Clamping Ring  |
| CABLE GLAND KITS AVAILABLE  | Cable Gland kit for use with all types of SWA cable including 2 Brass Cable Glands, 2 Steel Locknuts, 2 Brass Earth Tags and 2 PVC Shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component. |

\* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information. \*\*\* IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request  
Deluge Proof option available (CWD)

| GLOBAL PRODUCT CERTIFICATION |                                       |
|------------------------------|---------------------------------------|
| GOSTR CERTIFICATE            | 04ИДЮ101.ГВ.С02492                    |
| MARINE APPROVALS             | LRS: 01/00171 , ABS: 16-LD1472056-PDA |



| COMBINED ORDERING REFERENCE<br>(*BRASS METRIC) |      |                    | AVAILABLE ENTRY THREADS 'C'<br>(ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE) |                                  |      |                               |      | CABLE<br>BEDDING<br>DIAMETER 'A' | OVERALL CABLE DIAMETER 'B' |       |      | ARMOUR RANGE |       | ACROSS<br>FLATS 'D' | ACROSS<br>CORNERS 'D' | PROTRUSION<br>LENGTH 'F' | SHROUD | CABLE<br>GLAND WEIGHT<br>(kg) |
|--|------|--------------------|--|----------------------------------|------|-------------------------------|------|----------------------------------|----------------------------|-------|------|--------------|-------|---------------------|-----------------------|--------------------------|--------|-------------------------------|
|  |      |                    | STANDARD   |                                  |      | OPTION                        |      |                                  |                            |       |      |              |       |                     |                       |                          |        |                               |
| SIZE   | TYPE | ORDERING<br>SUFFIX | METRIC   | THREAD<br>LENGTH<br>(METRIC) 'E' | NPT  | THREAD<br>LENGTH<br>(NPT) 'E' | NPT  | MAX                              | MIN                        | MAX   | MIN  | MAX          | MAX   | MAX                 |                       |                          |        |                               |
| 20S16  | CW   | 1RA                | M20  | 10.0                             | ½"   | 19.9                          | ¾"   | 8.7                              | 6.1                        | 13.1  | 0.8  | 1.25         | 24.0  | 26.4                | 48.0                  | PVC04                    | 0.100  |                               |
| 20S  | CW   | 1RA                | M20  | 10.0                             | ½"   | 19.9                          | ¾"   | 11.7                             | 9.5                        | 15.9  | 0.8  | 1.25         | 24.0  | 26.4                | 48.0                  | PVC04                    | 0.140  |                               |
| 20   | CW   | 1RA                | M20  | 10.0                             | ½"   | 19.9                          | ¾"   | 14.0                             | 12.5                       | 20.9  | 0.8  | 1.25         | 30.5  | 33.6                | 48.0                  | PVC06                    | 0.180  |                               |
| 25S  | CW   | 1RA                | M25  | 10.0                             | ¾"   | 20.2                          | 1"   | 20.0                             | 14.0                       | 22.0  | 1.25 | 1.6          | 37.5  | 41.3                | 56.0                  | PVC09                    | 0.257  |                               |
| 25   | CW   | 1RA                | M25  | 10.0                             | ¾"   | 20.2                          | 1"   | 20.0                             | 18.2                       | 26.2  | 1.25 | 1.6          | 37.5  | 41.3                | 56.0                  | PVC09                    | 0.257  |                               |
| 32   | CW   | 1RA                | M32  | 10.0                             | 1"   | 25.0                          | 1 ¼" | 26.0                             | 23.7                       | 33.9  | 1.6  | 2.0          | 46.0  | 50.6                | 54.0                  | PVC11                    | 0.376  |                               |
| 40   | CW   | 1RA                | M40  | 15.0                             | 1 ¼" | 25.6                          | 1 ½" | 32.2                             | 27.9                       | 40.4  | 1.6  | 2.0          | 55.0  | 60.5                | 58.0                  | PVC15                    | 0.630  |                               |
| 50S  | CW   | 1RA                | M50  | 15.0                             | 1 ½" | 26.1                          | 2"   | 38.2                             | 35.2                       | 46.7  | 2.0  | 2.5          | 60.0  | 66.0                | 61.0                  | PVC18                    | 0.757  |                               |
| 50   | CW   | 1RA                | M50  | 15.0                             | 2"   | 26.9                          | 2 ½" | 44.1                             | 40.4                       | 53.0  | 2.0  | 2.5          | 70.1  | 77.1                | 60.0                  | PVC21                    | 0.862  |                               |
| 63S  | CW   | 1RA                | M63  | 15.0                             | 2"   | 26.9                          | 2 ½" | 50.0                             | 45.6                       | 59.4  | 2.0  | 2.5          | 75.0  | 82.5                | 74.0                  | PVC23                    | 1.390  |                               |
| 63   | CW   | 1RA                | M63  | 15.0                             | 2 ½" | 39.9                          | 3"   | 56.0                             | 54.6                       | 65.8  | 2.0  | 2.5          | 80.0  | 88.0                | 71.0                  | PVC25                    | 1.360  |                               |
| 75S  | CW   | 1RA                | M75  | 15.0                             | 2 ½" | 39.9                          | 3"   | 62.0                             | 59.0                       | 72.0  | 2.0  | 2.5          | 90.0  | 99.0                | 86.0                  | PVC28                    | 2.307  |                               |
| 75   | CW   | 1RA                | M75  | 15.0                             | 3"   | 41.5                          | 3 ½" | 64.2                             | 66.7                       | 78.4  | 2.5  | 3.0          | 100.0 | 110.0               | 82.0                  | PVC30                    | 2.909  |                               |
| 90   | CW   | 1RA                | M90  | 24.0                             | 3 ½" | 42.8                          | 4"   | 78.6                             | 76.2                       | 90.3  | 3.15 | 4.0          | 114.3 | 125.7               | 95.0                  | PVC32                    | 3.858  |                               |
| 100  | CW   | 1RA                | M100   | 24.0                             | 4"   | 44.0                          | 5"   | 91.0                             | 86.1                       | 101.4 | 3.15 | 4.0          | 123.0 | 135.3               | 95.0                  | LSF33                    | 4.958  |                               |
| 115  | CW   | 1RA                | M115   | 24.0                             | 4"   | 44.0                          | 5"   | 98.0                             | 101.5                      | 110.2 | 3.15 | 4.0          | 133.4 | 146.7               | 107.5                 | LSF34                    | 5.058  |                               |
| 130  | CW   | 1RA                | M130   | 24.0                             | 5"   | 46.8                          | -    | 115.0                            | 110.2                      | 123.2 | 3.15 | 4.0          | 152.4 | 167.6               | 110.0                 | LSF35                    | 6.158  |                               |

\*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass 'S'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'  
For NPT options please 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: 20CW1RA5 = Nickel Plated Brass M20, 50CW1RA = Brass 50mm, 25CW1RA4 = Stainless Steel 25mm

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.