

BW

BW INDUSTRIAL CABLE GLAND

FOR ALL TYPES OF STEEL & ALUMINIUM WIRE ARMoured CABLES

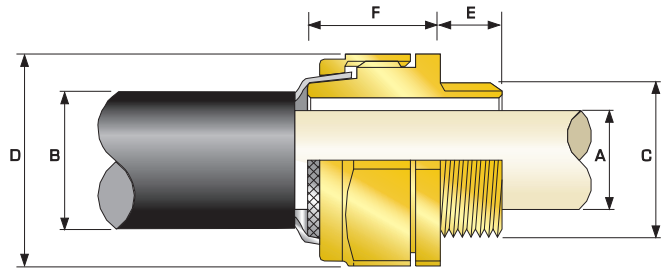
- High quality durable materials
- Simple, effective two part arrangement
- Direct and remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- -60°C to +200°C
- Superior EMC performance



| TECHNICAL CLASSIFICATION | |
|-----------------------------|---|
| DESIGN SPECIFICATION | BS 6121:Part 1:1989 |
| MECHANICAL CLASSIFICATION* | Impact = Level 8, Cable Anchorage = Class D |
| ENCLOSURE PROTECTION | IK10 to IEC 62262 (20 joules) |
| ELECTRICAL CLASSIFICATIONS* | Category B |
| INGRESS PROTECTION RATING** | IP2X |
| CABLE GLAND MATERIAL | Brass |
| CABLE TYPE | Single Wire Armour (SWA), Aluminium Wire Armour (AWA) |
| ARMOUR CLAMPING | Two Part Armour Lock |
| 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. As IEC 62444 and EN 62444 do not cover cable glands which are supplied without cable sealing rings, the information provided here is for information only. ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information.

| GLOBAL PRODUCT CERTIFICATION | |
|------------------------------|--------------------------------------|
| GOST R CERTIFICATE | 04ИД101.ГВ.С02492 |
| MARINE APPROVALS | LRS: 01/00171, ABS: 16-LD1472056-PDA |



| COMBINED ORDERING REFERENCE (*BRASS METRIC) | | | AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE) | | CABLE BEDDING DIAMETER 'A' | OVERALL CABLE DIAMETER 'B' | ARMOUR RANGE | | ACROSS FLATS 'D' | ACROSS CORNERS 'D' | PROTRUSION LENGTH 'F' | SHROUD | CABLE GLAND WEIGHT (kg) |
|--|------|-----------------|--|-------------------------------|-------------------------------|-------------------------------|--------------|------|------------------|-----------------------|--------------------------|--------|-------------------------------|
| SIZE | TYPE | ORDERING SUFFIX | METRIC | THREAD LENGTH (METRIC) 'E' | MAX | MAX | MIN | MAX | MAX | MAX | | | |
| 20S | BW | 1AA | M20 | 10.0 | 11.7 | 15.8 | 0.8 | 1.25 | 22.0 | 24.2 | 18.5 | PVC04 | 0.052 |
| 20 | BW | 1AA | M20 | 10.0 | 14.0 | 21.1 | 0.8 | 1.25 | 28.0 | 30.8 | 22.5 | PVC05 | 0.088 |
| 25 | BW | 1AA | M25 | 10.0 | 20.0 | 27.2 | 1.25 | 1.6 | 33.0 | 36.3 | 21.5 | PVC07 | 0.110 |
| 32 | BW | 1AA | M32 | 10.0 | 26.3 | 34.1 | 1.6 | 2.0 | 41.0 | 45.1 | 22.5 | PVC10 | 0.149 |
| 40 | BW | 1AA | M40 | 15.0 | 32.2 | 42.4 | 1.6 | 2.0 | 50.0 | 55.0 | 30.0 | PVC13 | 0.316 |
| 50S | BW | 1AA | M50 | 15.0 | 38.2 | 50.1 | 2.0 | 2.5 | 57.1 | 62.8 | 30.0 | PVC16 | 0.468 |
| 50 | BW | 1AA | M50 | 15.0 | 44.1 | 55.7 | 2.0 | 2.5 | 65.0 | 71.5 | 32.0 | PVC19 | 0.477 |
| 63S | BW | 1AA | M63 | 15.0 | 50.0 | 62.4 | 2.0 | 2.5 | 75.0 | 82.5 | 41.3 | PVC23 | 0.632 |
| 63 | BW | 1AA | M63 | 15.0 | 56.0 | 68.2 | 2.0 | 2.5 | 79.0 | 86.9 | 41.3 | PVC24 | 0.890 |
| 75S | BW | 1AA | M75 | 15.0 | 62.0 | 76.8 | 2.0 | 2.5 | 89.0 | 97.9 | 47.6 | PVC27 | 1.268 |
| 75 | BW | 1AA | M75 | 15.0 | 68.0 | 82.9 | 2.5 | 3.0 | 95.0 | 104.5 | 49.6 | PVC29 | 1.400 |

*For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass 'S'

Example: 32BW1AA5 = Nickel Plated Brass

Dimensions are displayed in millimetres unless otherwise stated

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