



A2EXP Ex d IIC / Ex e II Dual Seal Cable Gland (495AB Series)

SUITABLE FOR USE WITH CIRCULAR UNARMoured & BRAIDED CABLES

Features and benefits:

- Brass indoor and outdoor cable gland for use in hazardous areas
- Suitable for circular Unarmoured cables with extruded oversheath
- Fitted with silicone rubber low smoke, zero halogen seal
- Achieves IP66, IP68 (1 bar) and deluge proof (DTS01:1991) seal onto cable and to enclosure with suitable sealing washer or thread sealant
- Suitable for most climatic conditions – weatherproof, waterproof and deluge proof
- Standard and Nickel plated versions available
- Full Installation Instructions supplied

Technical Information:

Certified II 2GD, Ex e II & Ex d IIC under ATEX directive 94/9/EC
Atex Compliance Standards: EN 60079-0, EN 60079-1, EN 60079-7,
EN 61241-0, EN 61241-1

Certificate number Sira99ATEX1086X

IECEX Compliance Standards: IEC 60079-0, IEC 60079-1, IEC 60079-7,
IEC 61241-0, IEC 61241-1

Certificate number IECEX SIR 10.0069X

Service temperature range -50°C to +200°C

UL Classified in accordance with IEC 60079-0, 60079-1 and 60079-7 for use in hazardous locations

UL Listed for use in Class 1, Zone 0, 1 and 2 hazardous locations for Canada

May be used in:

- Zones 0, 1 & 2 with Ex ia IIA, B & C equipment
- Zones 1 & 2 with Ex ib IIA, B & C equipment
- Zones 1 & 2 with Ex e II equipment
- Zones 1 & 2 with Ex p II equipment
- Zone 2 with Ex nA II equipment
- Zones 21 & 22 with Ex tD II equipment

Where the cable is effectively filled, may also be used in:

- Zones 1 & 2 with Ex d IIC equipment not containing a source of ignition & with a volume less than 2000 cm³
- Zones 1 & 2 with Ex d IIA & Ex d IIB equipment not containing a source of ignition & with any volume
- Zone 1 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with a volume less than 2000 cm³
- Zone 2 with Ex d IIA & Ex d IIB equipment containing a source of ignition & with any volume
- Zone 2 with Ex nR II equipment

Specifications

| Gland Reference | | Cable Dimensions mm | | | Gland Dimensions mm | | | | |
|------------------|---------------|---------------------|-------------------------|------|---------------------|-------------------|-----------------------|---------|---------|
| Design Reference | | Size | Cable Diameter Ø (B) mm | | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon | |
| Standard | Nickel Plated | | Min | Max | | | | A/F (G) | A/C (H) |
| 495AB-51 | 495AB-51V | 16 | 3.5 | 8.5 | M16×1.5 | 15 | 65 | 22 | 24.9 |
| 495AB-71 | 495AB-71V | 20SS | 3.5 | 8.5 | M20×1.5 | 15 | 65 | 22 | 24.9 |
| 495AB-52 | 495AB-52V | 20S | 8.0 | 11.5 | M20×1.5 | 15 | 62 | 22 | 24.9 |
| 495AB-53 | 495AB-53V | 20 | 8.0 | 16.0 | M20×1.5 | 15 | 81 | 25.7 | 28.7 |
| 495AB-55 | 495AB-55V | 25 | 11.5 | 21.0 | M25×1.5 | 15 | 85 | 33 | 36.9 |
| 495AB-56 | 495AB-56V | 32 | 18.5 | 27.5 | M32×1.5 | 15 | 69 | 37.5 | 42.2 |
| 495AB-57 | 495AB-57V | 40 | 24.0 | 34.0 | M40×1.5 | 15 | 82 | 47.2 | 53.6 |
| 495AB-59 | 495AB-59V | 50 | 31.0 | 41.0 | M50×1.5 | 15 | 79 | 56.4 | 61.5 |
| 495AB-61 | 495AB-61V | 63 | 40.0 | 52.5 | M63×1.5 | 15 | 113.5 | 70 | 77.2 |
| 495AB-62 | 495AB-62V | 75S | 52.5 | 58.0 | M75×1.5 | 15 | 78.5 | 80 | 87.4 |
| 495AB-63 | 495AB-63V | 75 | 54.5 | 65.5 | M75×1.5 | 15 | 120 | 80 | 87.4 |

Sizes 75s and 75 shall only be used for fixed installations.
In addition the user / installer should ensure that the cables are adequately clamped.

