

A2F CABLE GLAND

Suitable for unarmoured and braided cables



Info

- Type 'd', Type 'e', Type 'nR'
- Zone 1, Zone 2, Zone 2 1 and Zone 22 Hazardous Areas

Application range

- The CMP A2F Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 2 1, and Zone 22, provided always that the prevailing code of practice for selection and installation is observed, e.g. IEC 60079-14

Product features

- CMP Type A2F Tri-Star Triple Certified Flameproof (Type d), Increased Safety (Type e), and Restricted Breathing (Type nR) cable gland for use in Zone 1, Zone 2, Zone 2 1, and Zone 22 Hazardous Areas
- Provides a Flameproof seal on the cable
- Gas tight seal has been tested to prove compatibility with Restricted Breathing equipment
- Allows mechanical cable retention and earth continuity via the cable armour termination

Norm references / Approvals

- ATEX Certification: SIRA 13ATEX1068X Code of Protection Category: ATEX II 2/3 G, II 1D, Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da ATEX IM2 Ex d I Mb, Ex e I Mb Compliance Standards: EN 60079-0, 1, 7, 15, 31

- IECEx Certificate: IECEx SIR 13.0023X Code of Protection Category: Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex ta IIIC Da, Ex d I Mb, Ex e I Mb Compliance Standards: IEC 60079-0, 1, 7, 15, 31
- EAC Certificate Number: TC RU C-GB. 05.B00138 Code of Protection Category: 1Ex d IIC Gb X, 1Ex e IIC Gb X, 2Ex nR IIC Gc X Ex ta IIIC Da XEAC Compliance Standards: OCT P 52350.7 OCT P MK 60079-0, 15, 31 OCT IEC 60079-1, 7 OCT 31610.7
- NEPSI Certificate: GYJ13.1140X / GYJ13.1282X Code of Protection Category: Ex d IIC Gb, Ex e IIC Gb DIP A2 1 TA, Ex nR IIC Gc, Compliance Standards: GB3836.1, 2, 3, 8 GB 12476.1
- INMETRO Approval: TUV 12.0619X Code of Protection Category: EEx d I Mb / Ex e I Mb, Ex d IIC Gb, Ex e IIC Gb, Ex nR IIC Gc, Ex tb IIIC Db, IP66W Compliance Standards: ABNT NBR IEC 60079-0, 1, 7, 15, 31 ABNT NBR IEC 60529

Product Make-up

- A2F Tri-Star Type
- BS 612 1: Part 1: 1989, EN 62444, IEC 62444

Technical data



Classification

ETIM 5.0 Class-Description: Cable screw gland
ETIM 5.0 Class-ID: EC000441



Note

Cable Type: Unarmoured / Braided
Sealing Technique: CMP Unique Displacement Seal Concept
Sealing Areas: Cable outer sheath Accessories: Locknut, Shourd, Entrythread sealing washer, Serrated washer, Earth tag, Adaptor/Reducer



Material

Body: Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal: CMP SOLO LSF Thermoset Rubber



Protection rating

IP66, IP67 and IP68



Temperature range

-60°C up to +130°C

Article number	Article designation / size	Metric	Overall cable diameter (mm)	Approx. weight (kg)
A2F CABLE GLAND				
3804281	20S/16	M20	3.2-8.7	0.1
3804282	20S	M20	6.1-11.7	0.1
3804283	20	M20	6.5-14.0	0.7
3804284	25	M25	11.1-20.0	0.1
3804285	32	M32	17.0-26.3	0.2
3804286	40	M40	23.5-32.2	0.2
3804287	50S	M50	31.0-38.2	0.3
3804288	50	M50	35.6-44.1	0.3
3804289	63S	M63	41.5-50.0	0.4
3804290	63	M63	47.2-56.0	0.4
3804291	75S	M75	54.0-62.0	0.5
3804292	75	M75	61.1-68.0	0.5
3804293	90	M90	66.6-80.0	2
3804294	100	M100	76.0-91.0	2
3804295	115	M115	86.0-98.0	3
3804296	130	M130	97.0-115.0	4

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.