

New

A2F CABLE GLAND

Suitable for unarmoured and braided cables



Info

- Type 'd', Type 'e', Type 'nR'
- Zone 1, Zone 2, Zone 21 and Zone 22 Hazardous Areas

Application range

- The CMP E1FW Tri-Star Cable Gland is suitable for use with all forms of equipment protection permitted in Zone 1, Zone 2, Zone 21, 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 21, 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: SIRA13ATEX1068X
 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 IIC 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 X
 EAC Compliance Standards:
 OCT P 52350.7 OCT P MK 60079-0,15, 31 O CT 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 A21 TA, Ex nR IIC Gc,
 Compliance Standards:
 GB3836.1,2,3,8 GB12476.1
- 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 6121: Part 1: 1989, EN 62444, IEC 62444

Technical data

Note
 Cable Type: Unarmoured / Braided
 Sealing Technique: CMP Unique Displacement Seal Concept
 Sealing Areas: Cable outer sheath
 Accessories: Locknut, Shourd, Entry thread 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	M 20	3.2 - 8.7	0.07
3804282	20S	M 20	6.1 - 11.7	0.06
3804283	20	M 20	6.5 - 14.0	0.7
3804284	25	M 25	11.1 - 20.0	0.13
3804285	32	M 32	17.0 - 26.3	0.15
3804286	40	M 40	23.5 - 32.2	0.2
3804287	50S	M 50	31.0 - 38.2	0.26
3804288	50	M 50	35.6 - 44.1	0.27
3804289	63S	M63	41.5 - 50.0	0.43
3804290	63	M63	47.2 - 56.0	0.4
3804291	75S	M75	54.0 - 62.0	0.52
3804292	75	M75	61.1 - 68.0	0.5
3804293	90	M90	66.6 - 80.0	1.6
3804294	100	M100	76.0 - 91.0	1.78
3804295	115	M115	86.0 - 98.0	2.67
3804296	130	M130	97.0 - 115.0	3.8

Photographs are not to scale and do not represent detailed images of the respective products.