

A2F Series Nickel Plated Brass Cable Glands

Unarmored Cables with Elastomer Seal - Increased Safety and Flameproof. Ex d¹.

FITTINGS: CABLE GLANDS

ATEX II 2 G, D
Ex d¹ IIC
Ex e II
Ex nR II
Ex ID A21
Zone 1 and 2, Zone 21 and 22

Gas Groups IIA, IIB and IIC
ATEX IIM2
Ex d¹
Ex e I

Applications

- Cable glands for unarmored cable certified for enclosures with the following protection modes:
 - Ex d flameproof IIB or IIC (as per §10.4.2 of IEC 60079-14)
 - Ex e increased safety
 - Ex nR restricted breathing
 - D dust environment
- Hazardous areas (gas and dust)
- Onshore and offshore

Features

- Elastomer displacement seal for unarmored cable provides a combined flameproof and weatherproof seal on the outer sheath of the cable.

Materials

- Body: nickel plated brass (suffix S)
- Seal: LSF (Low Smoke Fume) thermoplastic elastomer

Options

- 316L stainless steel version: replace last digit 5 with 4
- Brass version: replace last digit 5 with 7
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see cable gland accessories pages

Certifications and Compliances

- Certification Type A2F
- Zones 1 and 2, Gas
 - ATEX/IEC Protection: Ex d IIC, Ex e II, Ex nR II
- Zones 21 and 22, Dust
 - Conforming to ATEX 94/9/CE: CE 0081 II 2 D
 - ATEX/IEC Protection: Ex ID A21
- Conforming to ATEX 94/9/CE: II 2 GD
- Ambient Temperature: -76 °F/-60 °C to +266 °F/+130 °C
- CE Declaration of Conformity: DC07001
- ATEX Certificate: SIRA 06 ATEX 1097X
- IECEX Certificate: IECEX SIR 06.0043X
- CSA Certified: 101909
- CSA Standard: C22.2 No. 174, CAN/CSA E60079-0, CAN/CSA E60079-1, CAN/CSA E60079-7
- Other Certifications: GOST, Lloyds, DNV, ABS
- Ingress Protection (solid and liquid): IP66 / IP68 (10m)
- IEC Standards Latest Editions: 60079-0, 60079-1, 60079-7, 60079-15, 61241-0, 61241-1
- Product Standards: BS 6121, NF E 03 601 (conical thread), ISO 6857/III (metric thread)

Cable Gland Size (Inches)	Metric †	Catalog Numbers				
		Metric †	NPT †	Alternate NPT Thread †		
20S16	M20	2016A2F5	1/2"	2016A2F0505	3/4"	2016A2F0755
20S	M20	20SA2F5	1/2"	20SA2F0505	3/4"	20SA2F0755
20	M20	20A2F5	1/2"	20A2F0505	3/4"	20A2F0755
25	M25	25A2F5	3/4"	25A2F0755	1"	25A2F1005
32	M32	32A2F5	1"	32A2F1005	1-1/4"	32A2F1255
40	M40	40A2F5	1-1/4"	40A2F1255	1-1/2"	40A2F1505
50S	M50	50SA2F5	1-1/2"	50SA2F1505	2"	50SA2F2005
50	M50	50A2F5	2"	60A2F2005	2-1/2"	50A2F2505
63S	M63	63SA2F5	2"	63SA2F2005	2-1/2"	63SA2F2505
63	M63	63A2F5	2-1/2"	63A2F2505	3"	63A2F3005
75S	M75	75SA2F5	2-1/2"	75SA2F2505	3"	75SA2F3005
75	M75	75A2F5	3"	75A2F3005	3-1/2"	75A2F3505
90	M90	90A2F5	3"	90A2F3005	3-1/2"	90A2FX3505
100	M100	100A2F5	4"	100A2F4005		

† The A2F 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. Refer to IEC 60079-14 at the beginning of the Fittings section.
† Entry thread seal not supplied; see Cable Gland Accessories and Tools.