
 TECHNICAL DATA SHEET

ABB cable glands – ASG series

General purpose aluminum cable glands



Ideal for installations such as robot manufacturers, packaging equipment, machine tool building and other industrial OEM and MRO applications.

Certifications / Standards:


Features & Benefits:

- Large cable clamping range
- Liquid tight mechanical grip
- Full length bushing seal, protects cable

Applications:

- General purpose
- Machine building
- Maintenance and repair
- Suitable for cable types:
 - Non-armoured
 - Portable

Material:

- Aluminum construction
- Thermoplastic elastomer Sealing ring
- Nylon retaining ring

Environmental ratings:
Working Temperature:

- Normal use: -20 to +105C (-4 to +221F)

Ingress protection:

To ensure ingress protection, use suitable gasket and lock nut when required.

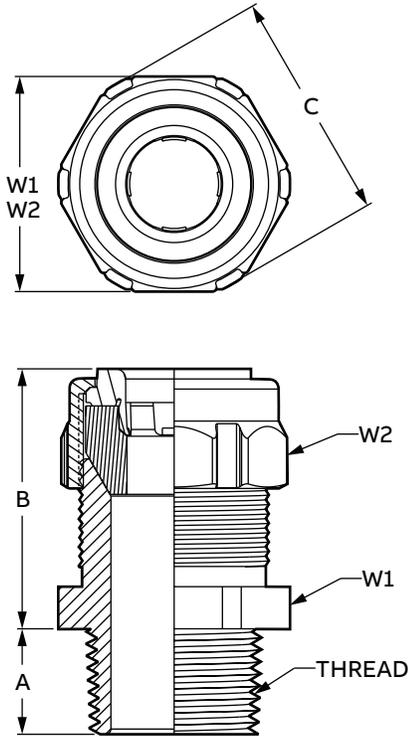
- Type 4x or 6 (With 5262 Series Sealing Rings)
- Wet and Dry Locations

Chemical resistance guide:

- See publication TDS000081

Conforms to:

- UL514B
- CSA C22.2-18.3
- ANSI C33.84
- NFPA 70 (ANSI)
- CSA C22.1
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II



Product selection								
Part no:	Thread (NPT)	Cable range			Nominal dimensions			
		Min	Max	A	B	C	W1	W2
2920AL	1/2	3.18 (0.125)	9.53 (0.375)	15.56 (0.613)	32.69 (1.287)	34.24 (1.348)	25.40 (1.000)	29.64 (1.167)
2921AL	1/2	7.87 (0.310)	14.22 (0.560)	15.56 (0.613)	32.69 (1.287)	34.24 (1.348)	25.40 (1.000)	29.64 (1.167)
2922AL	1/2	12.70 (0.500)	19.05 (0.750)	15.56 (0.613)	28.89 (1.138)	37.47 (1.475)	31.75 (1.250)	32.44 (1.277)
2930AL	3/4	3.18 (0.125)	9.53 (0.375)	15.94 (0.628)	34.10 (1.343)	37.47 (1.475)	31.75 (1.250)	32.44 (1.277)
2931AL	3/4	7.87 (0.310)	14.22 (0.560)	15.94 (0.628)	34.10 (1.343)	37.47 (1.475)	31.75 (1.250)	32.44 (1.277)
2932AL	3/4	12.70 (0.500)	19.05 (0.750)	15.94 (0.628)	34.10 (1.343)	37.47 (1.475)	31.75 (1.250)	32.44 (1.277)
2940AL	1	7.87 (0.310)	14.22 (0.560)	20.04 (0.789)	34.57 (1.361)	41.66 (1.640)	38.10 (1.500)	31.17 (1.227)
2941AL	1	12.70 (0.500)	19.05 (0.750)	20.04 (0.789)	34.57 (1.361)	41.66 (1.640)	38.10 (1.500)	32.44 (1.277)
2942AL	1	17.78 (0.700)	24.13 (0.950)	20.04 (0.789)	41.40 (1.630)	44.73 (1.761)	38.10 (1.500)	38.74 (1.525)

Fittings used in a trade size knockout requiring a Type 4X or 6 listing require a 5262 Series sealing ring.
 Dimensions for reference only.
 Bold numbers are metric, parenthesis numbers are inches.
 Note: Product must be installed in accordance with applicable national and local electrical codes.

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