

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:**

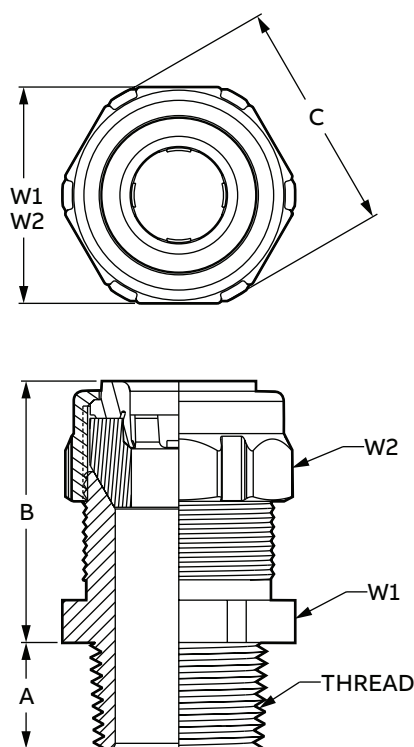
- See publication TDS000081

**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

Available at:





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