
 TECHNICAL DATA SHEET

ABB cable glands – ASG-90 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
- Elbow construction for compact installations

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.

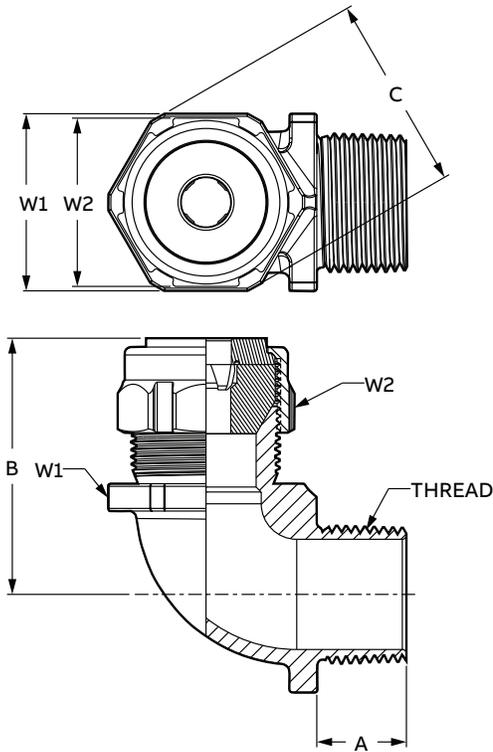
- Type 4x or 6 (With 5262 Series Sealing Rings)
- Wet and Dry Locations

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
4960AL	1/2	3.18	9.53	17.48	44.45	30.18	27.00	29.64
		(0.125)	(0.375)	(0.688)	(1.750)	(1.188)	(1.063)	(1.167)
4961AL	1/2	9.14	14.22	17.48	44.45	30.18	27.00	29.64
		(0.360)	(0.560)	(0.688)	(1.750)	(1.188)	(1.063)	(1.167)
4970AL	3/4	3.18	9.53	17.27	45.24	38.38	33.50	32.44
		(0.125)	(0.375)	(0.680)	(1.781)	(1.511)	(1.319)	(1.277)
4971AL	3/4	7.87	14.22	17.27	45.24	38.38	33.50	32.44
		(0.310)	(0.560)	(0.680)	(1.781)	(1.511)	(1.319)	(1.277)
4972AL	3/4	12.70	19.05	17.27	45.24	38.38	33.50	32.44
		(0.500)	(0.750)	(0.680)	(1.781)	(1.511)	(1.319)	(1.277)
4980AL	1	7.87	14.22	19.84	51.59	45.82	39.70	32.44
		(0.310)	(0.560)	(0.781)	(2.031)	(1.804)	(1.563)	(1.277)
4981AL	1	12.70	19.05	19.84	51.59	45.82	39.70	32.44
		(0.500)	(0.750)	(0.781)	(2.031)	(1.804)	(1.563)	(1.277)
4982AL	1	17.78	24.13	20.65	68.28	39.70	39.70	38.74
		(0.700)	(0.950)	(0.813)	(2.688)	(1.563)	(1.563)	(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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