
 TECHNICAL DATA SHEET

ABB cable glands – SCG series

Stainless Steel 316L, general purpose cable glands



Stainless steel cable glands for general purpose use, OEM, industrial and commercial applications, where a high level of corrosion resistance may be required.

Certifications / Standards:

(Refer to tables for certifications details)



Features & Benefits:

- Low profile compact cable glands
- Wide cable clamping range
- Excellent corrosion resistance
- Ideal for wet locations

Applications:

- General purpose
- Panel building
- Light fixture and housings
- Machine building
- Waste treatment
- Suitable for cable types:
 - Non-armoured
 - Portable
 - Tray

Material:

- Stainless steel 316L construction
- Chloroprene seals

Environmental ratings:
Working Temperature:

- Normal use: -20 to +100°C (-4 to +212°F)
- Short term: -30 to +150°C (-22 to +302°F)

Ingress protection:

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

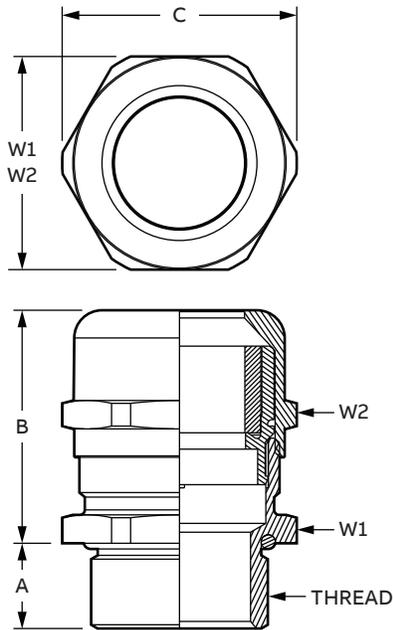
- IP66
- IP68 (5 bar 30 mins)
- NEMA 4

Chemical resistance guide:

- See publication TDS000081

Conforms to:

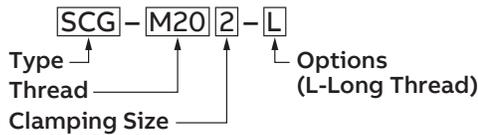
- UL514B / CSA C22.2 No 18.3 (see table for details)
- EN 62444
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II
- WEEE (Waste Electrical & Electronic Equipment Directive) 2002/96/EC
- LVD (Low Voltage Directive) 2014/35/EU



Product selection								
Part no:	Thread (PG)	Cable range			Nominal dimensions			
		Min	Max	A	B	C	W1	W2
SCG-PG291	PG29	12.0 (0.472)	20.0 (0.787)	8.0 (0.315)	40.5 (1.594)	45.5 (1.791)	41.0 (1.614)	41.0 (1.614)
SCG-PG291-L	PG29	12.0 (0.472)	20.0 (0.787)	12.0 (0.472)	40.5 (1.594)	45.5 (1.791)	41.0 (1.614)	41.0 (1.614)
SCG-PG292	PG29	18.0 (0.709)	25.0 (0.984)	8.0 (0.315)	40.5 (1.594)	45.5 (1.791)	41.0 (1.614)	41.0 (1.614)
SCG-PG292-L	PG29	18.0 (0.709)	25.0 (0.984)	12.0 (0.472)	40.5 (1.594)	45.5 (1.791)	41.0 (1.614)	41.0 (1.614)
SCG-PG361	PG36	20.0 (0.787)	26.0 (1.024)	9.0 (0.354)	47.5 (1.87)	55.5 (2.185)	50.0 (1.969)	50.0 (1.969)
SCG-PG361-L	PG36	20.0 (0.787)	26.0 (1.024)	14.0 (0.551)	47.5 (1.87)	55.5 (2.185)	50.0 (1.969)	50.0 (1.969)
SCG-PG362	PG36	22.0 (0.866)	32.0 (1.26)	9.0 (0.354)	47.5 (1.87)	55.5 (2.185)	50.0 (1.969)	50.0 (1.969)
SCG-PG362-L	PG36	22.0 (0.866)	32.0 (1.26)	14.0 (0.551)	47.5 (1.87)	55.5 (2.185)	50.0 (1.969)	50.0 (1.969)
SCG-PG421	PG42	25.0 (0.984)	31.0 (1.22)	12.0 (0.472)	48.0 (1.89)	66.5 (2.618)	60.0 (2.362)	60.0 (2.362)
SCG-PG421-L	PG42	25.0 (0.984)	31.0 (1.22)	16.0 (0.63)	48.0 (1.89)	66.5 (2.618)	60.0 (2.362)	60.0 (2.362)
SCG-PG422	PG42	30.0 (1.181)	38.0 (1.496)	12.0 (0.472)	48.0 (1.89)	66.5 (2.618)	60.0 (2.362)	60.0 (2.362)
SCG-PG422-L	PG42	30.0 (1.181)	38.0 (1.496)	16.0 (0.63)	48.0 (1.89)	66.5 (2.618)	60.0 (2.362)	60.0 (2.362)
SCG-PG481	PG48	29.0 (1.142)	35.0 (1.378)	14.0 (0.551)	49.5 (1.949)	72.0 (2.835)	65.0 (2.559)	65.0 (2.559)
SCG-PG481-L	PG48	29.0 (1.142)	35.0 (1.378)	18.0 (0.709)	49.5 (1.949)	72.0 (2.835)	65.0 (2.559)	65.0 (2.559)
SCG-PG482	PG48	34.0 (1.339)	44.0 (1.732)	14.0 (0.551)	49.5 (1.949)	72.0 (2.835)	65.0 (2.559)	65.0 (2.559)
SCG-PG482-L	PG48	34.0 (1.339)	44.0 (1.732)	18.0 (0.709)	49.5 (1.949)	72.0 (2.835)	65.0 (2.559)	65.0 (2.559)

Bold numbers are metric, parenthesis numbers are inches.
 Note: Product must be installed in accordance with applicable national and local electrical codes.

Part number information:



Stainless Steel Cable Gland 6-12mm
 M20X1.5 (12mmTL)

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