

TECHNICAL DATA SHEET

ABB cable glands – NPG Quick Connect™ series

Quick install cable gland



NPG, Quick Connect™ allows for fast and effective fitting of cable glands without access to the inside of an enclosure, greatly speeding up installation.

Certifications / Standards:**Features & Benefits:**

- Single Piece (No locknut required)
- Fast and simple to install
- Low internal profile
- Corrosion resistant

Applications:

- General purpose use
- Ideal for panel builders and volume installers
- Suitable for cable types:
 - Non-armoured
 - Portable
 - Tray

Material:

- Halogen free nylon (PA6) construction Available in Black, Grey and Light Grey
- Chloroprene seals

Environmental ratings:**Working Temperature:**

- Normal use: -20°C to +100°C (-4°F 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.

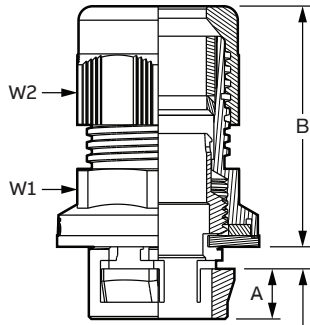
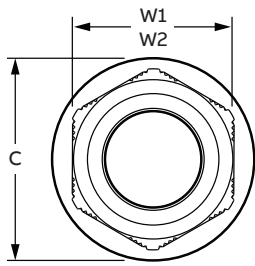
- IP66
- IP68 (5 bar 30 mins)

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



WALL THICKNESS
0.5mm to 4.0 mm
(0.020" to 0.157")

Part number information:

NPG - M20 2 X
 Type Standard Size Clamping Size Color
 B-Black
 G-Grey
 LG-Light Grey

Nylon Quick install Cable Gland
7-13mm Suitable for 20mm opening

Product selection

Part no:	Standard size (metric)	Cable range		Hole size		Nominal dimensions				
		Min	Max	Min	Max	A	B	C	W1	W2
NPG-M161x	M16	5.0	10.0	16.2	16.4	9.0	42.5	26.5	22.0	22.0
		(0.197)	(0.394)	(0.638)	(0.646)	(0.354)	(1.673)	(1.043)	(0.866)	(0.866)
NPG-M201x	M20	6.0	12.0	20.2	20.4	9.0	41.5	30.3	24.0	24.0
		(0.236)	(0.472)	(0.795)	(0.803)	(0.354)	(1.634)	(1.193)	(0.945)	(0.945)
NPG-M202x	M20	7.0	13.0	20.2	20.4	9.0	41.5	30.3	25.0	25.0
		(0.276)	(0.512)	(0.795)	(0.803)	(0.354)	(1.634)	(1.193)	(0.984)	(0.984)
NPG-M251x	M25	11.0	17.0	25.2	25.4	9.0	43.5	36.3	29.0	29.0
		(0.433)	(0.669)	(0.992)	(1.000)	(0.354)	(1.713)	(1.429)	(1.142)	(1.142)
NPG-M321x	M32	15.0	21.0	32.2	32.4	9.0	49.5	43.2	36.0	36.0
		(0.591)	(0.827)	(1.268)	(1.276)	(0.354)	(1.949)	(1.701)	(1.417)	(1.417)

Product selection

Part no:	Standard size (NPT)	Cable range		Hole size		Nominal dimensions				
		Min	Max	Min	Max	A	B	C	W1	W2
NPG-0381x	3/8"	5.0	10.0	17.65	18.85	10.0	41.2	26.5	22.0	22.0
		(0.197)	(0.394)	(0.695)	(0.742)	(0.394)	(1.622)	(1.043)	(0.866)	(0.866)
NPG-0501x	1/2"	6.0	12.0	21.84	23.01	10.0	39.2	30.5	24.0	24.0
		(0.236)	(0.472)	(0.860)	(0.906)	(0.394)	(1.543)	(1.201)	(0.945)	(0.945)
NPG-0502x	1/2"	10.0	14.0	21.84	23.01	10.0	39.8	30.5	27.0	27.0
		(0.394)	(0.551)	(0.860)	(0.906)	(0.394)	(1.567)	(1.201)	(1.063)	(1.063)
NPG-0751x	3/4"	13.0	18.0	27.78	28.98	10.0	41.9	39.0	33.0	33.0
		(0.512)	(0.709)	(1.094)	(1.141)	(0.394)	(1.650)	(1.535)	(1.299)	(1.299)
NPG-1001x	1"	18.0	25.0	34.51	35.71	10.0	50.1	47.5	42.0	42.0
		(0.709)	(0.984)	(1.359)	(1.406)	(0.394)	(1.972)	(1.870)	(1.654)	(1.654)

Replace the "x" of the catalog number by one of the following:

B = black (RAL 9005), G = grey (RAL 7001), LG = light grey (RAL 7035)

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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