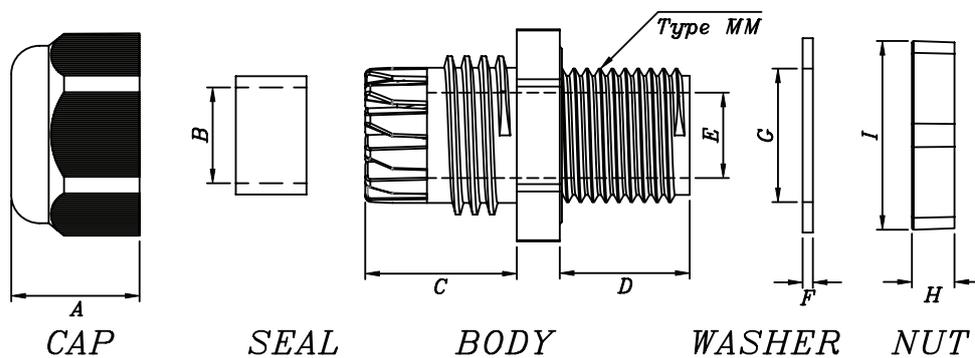


NYLON GLAND - METRIC PREMIUM

CABAC's range of Nylon Glands are a unique product. A camera shutter principle in the cable sealing mechanism makes the gland IP68 rated and 50m submersible. There is no necessity to disassemble the gland prior to installation - just insert the cable through and tighten up. The cable diameter range that each gland can take is large, thus reducing stock inventories.

FEATURES

- Metric threaded glands made from Polyamide 6.6 with camera shutter cable sealing rated IP68
- Medium resistance to vegetable oils and Benzol
- Conforms to Standards DIN VDE 0619, IP68 i.e 5 bar
- Supplied complete with locknut and body seal
- **UV and Water tested Type A ISO4892-2**



TECHNICAL INFORMATION

Part No.	TYPE MM	A	B	C	D	E	F	G	H	I
GN12	M12*1.5	13.4±1	7.0±0.8	14.3±1.5	8.0±1.5	7.5±0.5	1.2±0.3	12.2±0.8	5.1±0.5	19.0±1.5
GN16	M16*1.5	17.2±1	11.2±0.8	17.8±1.5	15.0±1.5	10.6±0.5	1.2±0.3	16.0±0.8	5.0±0.5	22.0±1.5
GN20	M20*1.5	18.6±1	14.4±0.8	19.8±1.5	15.0±1.5	14.6±0.5	1.2±0.3	20.2±0.8	5.0±0.5	27.0±1.5
GN25	M25*1.5	22.6±1	19.0±0.8	23.0±1.5	15.0±1.5	18.5±0.5	1.2±0.3	25.2±0.8	6.0±0.5	33.0±1.5
GN32	M32*1.5	25.5±1	26.0±0.8	26.0±1.5	15.0±1.5	25.6±0.5	1.5±0.3	32.2±0.8	7.5±0.5	42.0±1.5
GN40	M40*1.5	32.0±1	32.5±0.8	33.6±1.5	18.0±1.5	34.0±0.5	1.6±0.3	40.0±0.8	8.0±0.5	53.0±1.5
GN50	M50*1.5	32.0±1	38.0±0.8	36.2±1.5	18.0±1.5	44.8±0.5	1.4±0.3	50.2±0.8	9.0±0.5	60.0±1.5
GN63	M63*1.5	33.0±1	48.0±0.8	36.5±1.5	18.0±1.5	50.0±0.5	1.6±0.3	63.0±0.8	9.0±0.5	70.0±1.5

ORDERING INFORMATION

PART NO.	CABLE THREAD SIZE	OC CABLE RANGE (MM)	THREAD WIDTH (MM)	A/F (MM)	UNIT	QTY
GN12	M12	3-6	8	15	BOX	40
GN16	M16	5-10	15	21.8	BOX	40
GN20	M20	8-13	15	26.3	BOX	25
GN25	M25	9-18	15	32	BOX	15
GN32	M32	15-24	15	41.5	BOX	5
GN40	M40	19-28	18	49.2	BOX	5
GN50	M50	27-38	18	59.2	BOX	2
GN63	M63	36-47	18	71.2	BOX	2

In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

NYLON GLAND - METRIC PREMIUM

- IP68 rating
- 5 bar pressure, i.e. submersible to 50m
- Superior strain relief
- Trapezoidal thread for quick high torque tightening
- Large cable range with each gland
- No throw away O-rings – one seal for whole range
- Black material for extended exterior use. Incorporates a unique ‘camera shutter’ principle which gives IP68 sealing with large cable range
- Long metric thread to suit Australian requirements

The gland to cable interface has an IP68 50m submersible rating, however to maintain this rating, the gland to equipment interface needs appropriate attention. The glands are supplied with optional neoprene seals that can be used to seal the gland body to the equipment. Care should be taken with these seals to ensure the gland is not over tightened, causing the seal to “pop”. The glands have a sealing ridge moulded into the gland base, which works effectively with equipment with built-in threads, and a flat surface where the gland beds. In these cases the neoprene seal is not required.

It is recommended that an appropriate sealing compound is used on the body thread in areas that the IP rating is critical. CABAC’s cable glands are suitable for use in machine installation, construction, measuring and regulating equipment, site installation and many other applications.

Check with CABAC Technical Staff if installed on light metal enclosures which must be immersed.

GLAND SELECTION CHART - FOR PVC SHEATHED AND INSULATED CABLES

CABLE AREA (MM ²)	PVC INS. SINGLE	S.D.I. SINGLE CORE	TWO CORE	THREE CORE	FOUR CORE
1	GN12	GN16			
1.5	GN12	GN16	GN20	GN20	GN20/GN25
2.5	GN12	GN16	GN20/GN25	GN20/GN25	GN25
4	GN12	GN16	GN25	GN25	GN25/GN32
6	GN12	GN16/GN20	GN25	GN25/GN32	GN32
10	GN16	GN16/GN20	GN25/GN32	GN32	GN32/GN40
16	GN16	GN20	GN32	GN32/GN40	GN40
25	GN16	GN20/GN25	GN40	GN40	GN40/GN50
35	GN20	GN25		GN40/GN50	GN50
50	GN20	GN25/GN32		GN50/GN63	GN50/GN63
70	GN20	GN32		GN63	GN63
95	GN25	GN32/GN40			
120	GN32	GN40			
150	GN32	GN40			
185	GN40	GN40			
240	GN40	GN50			
300	GN40	GN50/GN63			
400	GN50	GN63			

What is an IP rating?

Below is an extract from AS 1939 which gives the degrees of protection relating to IP rating. An IP rating is made up of two numbers, the first relating to solid objects and dust ingress and the second to water ingress.

First Numeral of an IP Rating (AS 1939) Solid Objects/Dust Protection

- 0 Non-protected
- 1 Protected against solid objects greater than 50mm
- 2 Protected against solid objects greater than 12mm
- 3 Protected against solid objects greater than 2.5mm
- 4 Protected against solid objects greater than 1.0mm
- 5 Dust protected
- 6 Dust tight

Second Numeral of an IP Rating (AS 1939) Water Protection

- 0 Non-protected
- 1 Protected against dripping water
- 2 Protected against dripping water when tilted up to 15 degrees
- 3 Protected against spraying water
- 4 Protected against splashing water
- 5 Protected against water jets
- 6 Protected against powerful water jets
- 7 Protected against immersion to 1m
- 8 Protected against submersion >1m
- 9 Protected against high temperature, high pressure water and steam



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