UL File #:

E363825

A cable gland is a device that allows the user to pass a cable, wire or tube into an enclosure while providing strain relief and sealing out dust, dirt and liquids. Mencom offers a wide variety of cable glands, from very small (PG7) to very large (M63). Our line of cable glands include plastic and metal varieties with NPT, Metric and PG threading and they are rated to IP68 up to 5 bar that can be used permanently under water up to 5 atmospheres. The sealing around the cable is achieved through the sealing grommet. The sealing against the enclosure is achieved through either an O-Ring (all metal glands and PG29 and larger plastic glands), or, through some raised rings on the underside of the hex nut (all plastic glands up to and including PG21).

Special Applications

- EMI Shielding Brass Cable Glands
- Strain Relief Cable Glands
- Explosion-Proof Plastic Cable Glands
- Cable Entry System

Cable Glands & Adapters

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Cable Glands

RoHS Compliance

Contents

Cable Glands & Adapters

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Cable Glands

NPT Threads Cable Glands

Standard Brass Cable Glands | NPT Threads | Shielded | IP68 Rating

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Part Number	UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCG-3/8	UL Recognized	3 - 9 (0.118 - 0.354)	17.1 (0.675)	3/8" NPT	8 (0.315)	20 (0.79)
MCG-1/2	UL Recognized	5 - 13 (0.197 - 0.512)	21.0 (0.825)	1/2" NPT	10 (0.394)	24 (0.94)
MCG-3/4	UL Recognized	8 - 16 (0.315 - 0.630)	26.7 (1.050)	3/4" NPT	11 (0.433)	30 (1.18)
MCG-1.0	UL Recognized	12 - 21 (0.472 - 0.827)	34.3 (1.350)	1" NPT	14 (0.551)	40 (1.57)
MCG-1.25	UL Recognized	16 - 27 (0.630 - 1.063)	41.9 (1.650)	1.25" NPT	14 (0.551)	50 (1.97)
MCG-1.5	UL Recognized	21 - 35 (0.827 - 1.378)	49.5 (1.950)	1.5" NPT	15 (0.591)	55 (2.17)
MCG-2.0	UL Recognized	27 - 48 (1.063 - 1.890)	61.0 (2.400)	2" NPT	15 (0.591)	65 (2.56)

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68 (comparable to NEMA 6P).

NPT style cable glands are not supplied with nuts. Nuts can be ordered separately, see page U-5.

Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene
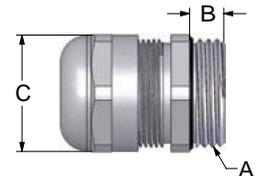O-Ring: BUNA-N

Cable Glands & Adapters

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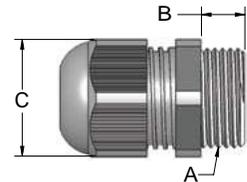Standard Plastic Cable Glands | NPT Threads | IP68 Rating

Part Number		UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
Gray	Black						
PCG-3/8R	PCG-3/8R-B	UL Recognized	3 - 7 (0.118 - 0.276)	17.1 (0.675)	3/8" NPT	15.5 (0.610)	22 (0.87)
PCG-3/8	PCG-3/8-B	UL Recognized	5 - 10 (0.197 - 0.394)	17.1 (0.675)	3/8" NPT	15.5 (0.610)	22 (0.87)
PCG-1/2X	PCG-1/2X-B	UL Recognized	5 - 9 (0.197 - 0.354)	21.0 (0.825)	1/2" NPT	14.5 (0.571)	24 (0.94)
PCG-1/2Y	PCG-1/2Y-B	UL Recognized	6 - 12 (0.236 - 0.472)	21.0 (0.825)	1/2" NPT	14.5 (0.571)	24 (0.94)
PCG-1/2R	PCG-1/2R-B	UL Recognized	7 - 12 (0.276 - 0.472)	21.0 (0.825)	1/2" NPT	15 (0.591)	27 (1.06)
PCG-1/2	PCG-1/2-B	UL Recognized	10 -14 (0.394 - 0.551)	21.0 (0.825)	1/2" NPT	15 (0.591)	27 (1.06)
PCG-1/2E	PCG-1/2E-B	UL Recognized	13 - 18 (0.512 - 0.709)	21.0 (0.825)	1/2" NPT	15 (0.591)	33 (1.30)
PCG-3/4R	PCG-3/4R-B	UL Recognized	9 - 16 (0.354 - 0.630)	26.7 (1.050)	3/4" NPT	15 (0.591)	33 (1.30)
PCG-3/4	PCG-3/4-B	UL Recognized	14 - 18 (0.551 - 0.709)	26.7 (1.050)	3/4" NPT	15 (0.591)	33 (1.30)
PCG-1.0R	PCG-1.0R-B	UL Listed	12 - 20 (0.472 - 0.787)	34.3 (1.350)	1" NPT	18 (0.709)	42 (1.65)
PCG-1.0	PCG-1.0-B	UL Recognized	19 - 25 (0.748 - 0.984)	34.3 (1.350)	1" NPT	18 (0.709)	42 (1.65)
PCG-1.25R	PCG-1.25R-B	UL Recognized	20 - 26 (0.787 - 1.024)	41.9 (1.650)	1.25" NPT	18 (0.709)	53 (2.09)
PCG-1.25	PCG-1.25-B	UL Listed	22 - 32 (0.866 - 1.260)	41.9 (1.650)	1.25" NPT	18 (0.709)	53 (2.09)

For the flex style version, add "S" to the part number (e.g. PCG-1/2R-BS). Flex styles are not available on the PCG-1.0 or 1.25 versions.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

NPT style cable glands are not supplied with nuts. Nuts can be ordered separately, see page U-5.

Materials:
Body: Polyamide
Seal: Neoprene

Cable Glands & Adapters

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Plastic Nuts

Part Number		Thread Type	A mm (inches)	B mm (inches)	Style
Gray	**Black**				
238PA	238PA/SW	3/8" NPT	22 (0.87)	5 (0.20)	
212PA	212PA/SW	1/2" NPT	27 (1.06)	6 (0.24)	
234PA	234PA/SW	3/4" NPT	36 (1.42)	7 (0.28)	
210PA	210PA/SW	1" NPT	42 (1.65)	7 (0.28)	

Material: Polyamide

Metal Nuts

Part Number	Thread Type	A mm (inches)	B mm (inches)	Style
214M	1/4" NPT	17.5 (0.69)	3.3 (0.13)	
238M	3/8" NPT	20.1 (0.79)	3.0 (0.12)	
212M	1/2" NPT	28.4 (1.12)	3.3 (0.13)	
234M	3/4" NPT	35.1 (1.38)	3.8 (0.15)	
210M	1" NPT	42.9 (1.69)	5.1 (0.20)	
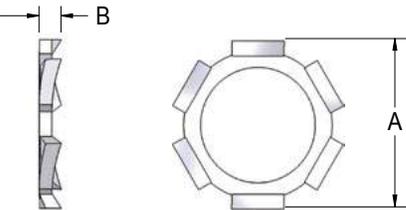
Material: Zinc Plated Steel

Material: Zinc Plated Steel

Cable Glands & Adapters

Standard Brass Cable Glands | PG Threads | IP68 Rating

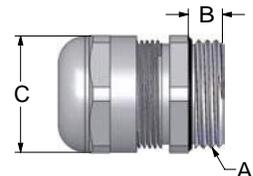| Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCG-07R	2 - 5 (0.079 - 0.196)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCG-07	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCG-09R	2 - 6 (0.079-.236)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCG-09	4 - 8 (.157-.315)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCG-11R	3 - 7 (.118-.275)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCG-11	5 - 10 (.197-.393)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCG-13.5R	5 - 9 (.197-.354)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCG-13.5	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCG-16R	7 - 12 (.276-.472)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCG-16	10 - 14 (.394-.551)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCG-21R	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCG-21	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCG-29R	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCG-29	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCG-36R	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCG-36	24 - 32 (.945-1.26)	47.5 (1.870	PG 36	9 (.354)	50 (1.968)
MCG-42R	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCG-42	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCG-48R	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)
MCG-48	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)

Longer thread length 15mm (0.590") is available, add "L" to the end of the part number (e.g. MCG-21L).

Mencom cable glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

An O-Ring and Locking Nut are supplied on all PG threaded metal cable glands.

Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

Cable Glands & Adapters

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Part Number		UL Rating	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
Gray	Black						
PCG-07R	PCG-07R-B	N/A	2 - 5 (.079-.196)	12.7 (.500)	PG 7	8 (.315)	15 (.591)
PCG-07	PCG-07-B	UL Recognized	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	8 (.315)	15 (.591)
PCG-09R	PCG-09R-B	N/A	2 - 6 (.079-.236)	15.4 (.606)	PG 9	8 (.315)	19 (.748)
PCG-09	PCG-09-B	UL Recognized	4 - 8 (.157-.315)	15.4 (.606)	PG 9	8 (.315)	19 (.748)
PCG-11R	PCG-11R-B	N/A	3 - 7 (.118-.275)	18.8 (.740)	PG 11	8 (.315)	22 (.866)
PCG-11	PCG-11-B	UL Recognized	5 - 10 (.197-.393)	18.8 (.740)	PG 11	8 (.315)	22 (.866)
PCG-13.5R	PCG-13.5R-B	UL Recognized	5 - 9 (.197-.354)	20.7 (.815)	PG 13.5	9 (.354)	24 (.945)
PCG-13.5	PCG-13.5-B	UL Recognized	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	9 (.354)	24 (.945)
PCG-16R	PCG-16R-B	N/A	7 - 12 (.276-.472)	22.8 (.900)	PG 16	10 (.394)	27 (1.06)
PCG-16	PCG-16-B	UL Listed	10 - 14 (.394-.551)	22.8 (.900)	PG 16	10 (.394)	27 (1.06)
PCG-21R	PCG-21R-B	N/A	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	11 (.433)	33 (1.30)
PCG-21	PCG-21-B	UL Recognized	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	11 (.433)	33 (1.30)
PCG-29R	PCG-29R-B	UL Listed	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	11 (.433)	42 (1.65)
PCG-29	PCG-29-B	UL Listed	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	11 (.433)	42 (1.65)
PCG-36R	PCG-36R-B	UL Listed	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	13 (.512)	53 (2.09)
PCG-36	PCG-36-B	UL Listed	22 - 32 (.866-1.26)	47.5 (1.870)	PG 36	13 (.512)	53 (2.09)
PCG-42R	PCG-42R-B	UL Listed	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	13 (.512)	60 (2.36)
PCG-42	PCG-42-B	UL Listed	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	13 (.512)	60 (2.36)
PCG-48R	PCG-48R-B	UL Listed	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	14 (.552)	65 (2.60)
PCG-48	PCG-48-B	UL Listed	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	14 (.552)	65 (2.60)

The Flex Style Version of UL recognized parts are also UL recognized. The Flex Style Version of UL listed parts are not listed or recognized.
For the Flex Style Version, add "S" to the part number (e.g. PCG-16R-BS). Flex Styles are not available on the PCG-29 to PCG-48 versions.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all PG threaded parts. O-Rings are not required to maintain a seal on sizes PG 7 to PG 21, but are supplied on size PG 29 and larger.

Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

Cable Glands & Adapters

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Plastic Right Angle Cable Glands | PG Threads | IP68 Rating

Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Height mm (inches)	D Length mm (inches)	F Wrench Flats mm (inches)	G Wrench Flats mm (inches)
PCGA-07R	2 - 6 (0.079 - 0.236)	12.7 (0.500)	PG 7	8 (0.315)	26 (1.02)	38.5 (1.516)	15 (0.591)	19 (0.748)
PCGA-07	4 - 8 (0.157 - 0.315)	12.7 (0.500)	PG 7	8 (0.315)	26 (1.02)	38.5 (1.516)	15 (0.591)	19 (0.748)
PCGA-09R	3 - 7 (0.118 - 0.276)	15.4 (0.606)	PG 9	8 (0.315)	29 (1.14)	47 (1.850)	19 (0.748)	22 (0.866)
PCGA-09	5 - 10 (0.197 - 0.394)	15.4 (0.606)	PG 9	8 (0.315)	29 (1.14)	47 (1.850)	19 (0.748)	22 (0.866)
PCGA-11R	5 - 7 (0.197 - 0.276)	18.8 (0.740)	PG 11	8 (0.315)	31.3 (1.23)	51 (2.008)	22 (0.866)	24 (0.945)
PCGA-11	6 - 12 (0.236 - 0.472)	18.8 (0.740)	PG 11	8 (0.315)	31.3 (1.23)	51 (2.008)	22 (0.866)	24 (0.945)
PCGA-13.5R	7 - 12 (0.276 - 0.472)	20.7 (0.815)	PG 13.5	9 (0.354)	34 (1.34)	54.7 (2.154)	24 (0.945)	27 (1.063)
PCGA-13.5	10 - 14 (0.394 - 0.551)	20.7 (0.815)	PG 13.5	9 (0.354)	34 (1.34)	54.7 (2.154)	24 (0.945)	27 (1.063)
PCGA-16	8 - 17 (0.315 - 0.669)	22.8 (0.900)	PG 16	10 (0.394)	38.2 (1.50)	57 (2.241)	27 (1.063)	29 (1.142)
PCGA-21	12 - 21 (0.472 - 0.827)	28.6 (1.125)	PG 21	11 (0.433)	45.7 (1.80)	71 (2.795)	33 (1.299)	36 (1.417)
PCGA-29	16 -28 (0.629 - 1.102)	37.4 (1.475)	PG 29	11 (0.433)	57 (2.24)	85 (3.346)	42 (1.654)	46 (1.811)

Standard color is gray. For black, add "-B" to the end of the part number (e.g. PCGA-09R-B).

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all PG threaded parts.

Materials:
Body: Nickel Plated Brass
Seal: Neoprene
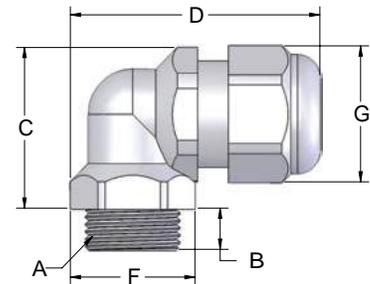
Cable Glands & Adapters

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Cable Glands
PG Threads Cable Glands

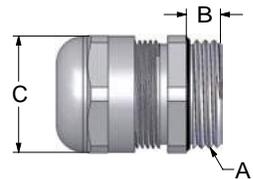| Part Number	Diameter Range mm (Inches)	Mounting Hole Clearance mm (inches)	A Thread Type	B Thread Length mm (inches)	C Wrench Flats mm (inches)
MCGB-07R	2 - 5 (.079-.196)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCGB-07	3 - 6.5 (.118-.255)	12.7 (.500)	PG 7	5 (.197)	14 (.551)
MCGB-09R	2 - 6 (.079-.236)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCGB-09	4 - 8 (.157-.315)	15.4 (.606)	PG 9	6 (.236)	17 (.669)
MCGB-11R	3 - 7 (.118-.275)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCGB-11	5 - 10 (.197-.393)	18.8 (.740)	PG 11	6 (.236)	20 (.787)
MCGB-13.5R	5 - 9 (197-.354)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCGB-13.5	6 - 12 (.236-.472)	20.7 (.815)	PG 13.5	6.5 (.256)	22 (.866)
MCGB-16R	7 - 12 (.276-.472)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCGB-16	10 - 14 (.394-.551)	22.8 (.900)	PG 16	6.5 (.256)	24 (.945)
MCGB-21R	9 - 16 (.354-.630)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCGB-21	13 - 18 (.512-.708)	28.6 (1.125)	PG 21	7 (.276)	30 (1.181)
MCGB-29R	12 - 20 (.472-.787)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCGB-29	18 - 25 (.709-.984)	37.4 (1.475)	PG 29	8 (.315)	40 (1.575)
MCGB-36R	20 - 26 (.787-1.02)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCGB-36	24 - 32 (.866-1.26)	47.5 (1.870)	PG 36	9 (.354)	50 (1.968)
MCGB-42R	25 - 31 (.984-1.22)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCGB-42	30 - 38 (1.18-1.50)	54.5 (2.145)	PG 42	10 (.394)	57 (2.244)
MCGB-48R	29 - 35 (1.14-1.38)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)
MCGB-48	34 - 44 (1.34-1.73)	59.8 (2.354)	PG 48	10 (.394)	64 (2.520)

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68 (comparable to NEMA 6P).

A Locking Nut is supplied on all PG threaded parts.

Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

Cable Glands & Adapters

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Clamping Cable Glands | CRSS Series | PG Threads | IP55 Rating

Part Number	Diameter Range mm (inches)	Thread Type
CRSS-09	7 - 10 (0.255 - 0.374)	PG 9
CRSS-11	8 - 12 (0.295 - 0.452)	PG 11
CRSS-13.5	9 - 13 (0.334 - 0.531)	PG 13.5
CRSS-16	10 - 15 (0.374 - 0.591)	PG 16
CRSS-21	12.5 - 19 (0.472 - 0.748)	PG 21
CRSS-29	19 - 27 (0.728 - 1.063)	PG 29
CRSS-36	26 - 33 (1.00 - 1.30)	PG 36
CRSS-42	30.5 - 39 (1.18 - 1.54)	PG 42
CRSS-48	35 - 45 (1.35 - 1.77)	PG 48

CRSS Series
Nickel Plated Brass Cable Gland with self-centering double saddle clamps.
The seal is achieved with a neoprene sealing ring (with multiple perforations
to accommodate a wide range of diameters). Brass Nuts and O-Rings for
these must be ordered separately. Protection to IP 55.

Cable Glands & Adapters

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Cable Gland Accessories

PG Threads Cable Gland Nuts

Plastic Nuts					
Part Number		**A (mm)**	**B (mm)**	**Thread Type**	**Style**
Gray	**Black**				
207PA	207PA/SW	19	5	PG 7	
209PA	209PA/SW	22	5	PG 9	
211PA	211PA/SW	24	5	PG 11	
213PA	213PA/SW	27	6	PG 13.5	
216PA	216PA/SW	30	6	PG 16	
221PA	221PA/SW	36	7	PG 21	
229PA	229PA/SW	46	7	PG 29	
236PA	236PA/SW	60	8	PG 36	
242PA	242PA/SW	65	8	PG 42	
248PA	248PA/SW	70	8	PG 48	

Material: Polyamide

Metal Nuts				
Part Number		**A (mm)**	**B (mm)**	**Thread Type**
Standard Metal Nut	207M	15	2.8	PG 7
	209M	18	2.8	PG 9
	211M	21	3	PG 11
	213M	23	3	PG 13.5
	216M	26	3	PG 16
	221M	32	3.5	PG 21
	229M	41	4	PG 29
	236M	51	5	PG 36
	242M	65	5	PG 42
	248M	69	5.5	PG 48
Cutting Metal Nut	207MPOT	15	2.8	PG 7
	209MPOT	18	2.8	PG 9
	211MPOT	21	3	PG 11
	213MPOT	23	3	PG 13.5
	216MPOT	26	3	PG 16
	221MPOT	32	3.5	PG 21
	229MPOT	41	4	PG 29
	236MPOT	51	5	PG 36
	242MPOT	65	5	PG 42
	248MPOT	69	5.5	PG 48

Material: Nickel Plated Brass

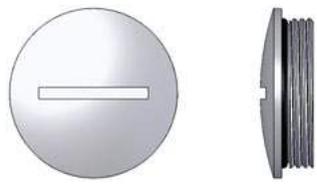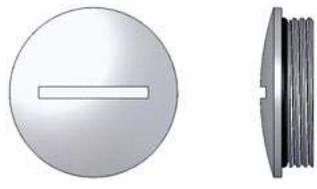**Material:** Nickel Plated Brass

Cable Glands & Adapters

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Cable Glands Accessories
PG Threads Cable Gland Plugs

Blanking Plugs | Blind Plugs | PG Threads | IP68 Rating

Plastic Blanking Plugs					
Part Number		**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
Gray	**Black**				
CRB-07PA	CRB-07PA/SW	15	6	PG 07	
CRB-09PA	CRB-09PA/SW	19	6	PG 09	
CRB-11PA	CRB-11PA/SW	22	6	PG 11	
CRB-13.5PA	CRB-13.5PA/SW	25	6	PG 13.5	
CRB-16PA	CRB-16PA/SW	27	6	PG 16	
CRB-21PA	CRB-21PA/SW	33	8	PG 21	
CRB-29PA	CRB-29PA/SW	44.5	8	PG 29	
CRB-36PA	CRB-36PA/SW	55.5	10	PG 36	
CRB-42PA	CRB-42PA/SW	62.5	10	PG 42	
CRB-48PA	CRB-48PA/SW	69.5	12	PG 48	**Materials:** Polystyrene

Metal Blanking Plugs				
Part Number	**Diameter (mm)**	**Thread Length (mm)**	**Thread Type**	**Style**
CRB-07	16	4.5	PG 07	
CRB-09	19	4.5	PG 09	
CRB-11	22	4.5	PG 11	
CRB-13.5	24	6.0	PG 13.5	
CRB-16	26	6.0	PG 16	
CRB-21	32	6.0	PG 21	
CRB-29	39	8.0	PG 29	
CRB-36	50	9.0	PG 36	
CRB-42	57	10.0	PG 42	
CRB-48	64	10.0	PG 48	**Materials:** Nickel Plated Brass

Blind Plugs							
Part Number	**Thread Type**	**L**	**H**	**D1**	**D2**	**D3**	**Style**
PG07-BP	PG 07	6	14	8.5	6.5	5	
PG09-BP	PG 09	7	16	10	8	6	
PG11-BP	PG 11	8	18	12	10	7	
PG13.5-BP	PG 13.5	9	20	14	12	9	
PG16-BP	PG 16	10	22.5	16	14	12	
PG21-BP	PG 21	12	26.5	20	18	16	
PG29-BP	PG 29	14	30.5	28	25	20	**Materials:** Polyamide
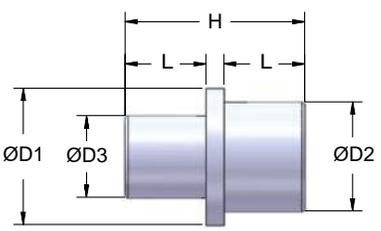
This insert is used to block a PCG or MCG style cable gland that is not currently in use, but installed onto a panel. The Blind Plug will enable the cable gland to seal to IP 68. The Blind Plug is NOT for use in the EX style cable glands.

Cable Glands & Adapters

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Cable Glands Accessories

PG Threads Cable Gland Adapters

PG to NPT Adapter							
Part Number	A External	B Internal	C (mm)	D (mm)	E (mm)	F (mm)	Style
PG11-3/8	PG 11	3/8" NPT	14	6.0	13.5	20	
PG11-1/2	PG 11	1/2" NPT	18	6.5	13	24	
PG13.5-1/2	PG 13.5	1/2" NPT	18	6.5	17	24	
PG16-1/2	PG 16	1/2" NPT	18	6.5	17	24	
PG21-3/4	PG 21	3/4" NPT	18	7.0	22	30	
PG29-1	PG 29	1.0" NPT	18	8.0	29	39	
PG36-1.25	PG 36	1.25" NPT	20	9.0	36	50	
PG42-1.5	PG 42	1.5" NPT	18	10	42.7	57	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

PG to Metric Adapter							
Part Number	A External	B Internal	C (mm)	D (mm)	E (mm)	F (mm)	Style
PG07-M12	PG 07	M12 x 1.5	14	5	15	9	
PG09-M16	PG 09	M16 x 1.5	19	6	16	12.2	
PG11-M16	PG 11	M16 x 1.5	22	6	16	13	
PG13.5-M20	PG 13.5	M20 x 1.5	24	6.5	17.5	16	
PG16-M20	PG 16	M20 x 1.5	27	6.5	17.5	18.5	
PG16-M25	PG 16	M25 x 1.5	30	6.5	18.5	18.5	
PG21-M25	PG 21	M25 x 1.5	32	7	19	23	
PG21-M32	PG 21	M32 x 1.5	36	7	20	23	
PG29-M40	PG 29	M40 x 1.5	43	8	21	32	
PG36-M50	PG 36	M50 x 1.5	55	9	23	42	
PG42-M63	PG 42	M63 x 1.5	65	10	25	48	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Cable Glands & Adapters

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PG Reducers						
Part Number	A	B	C (mm)	D (mm)	E (mm)	Style
CEC-07	PG 09	PG 07	18	2.5	6	
CEC-07X	PG 11	PG 07	20	2.5	6	
CEC-07Y	PG 13.5	PG 07	24	3	6.5	
CEC-07Z	PG 16	PG 07	24	3	6.5	
CEC-09	PG 11	PG 09	20	2.5	6	
CEC-09X	PG 13.5	PG 09	24	3	6.5	
CEC-09Y	PG 16	PG 09	24	3	6.5	
CEC-11	PG 13.5	PG 11	24	3	6.5	
CEC-11X	PG 16	PG 11	24	3	6.5	
CEC-13.5	PG 16	PG 13.5	24	3	6.5	
CEC-13.5X	PG 21	PG 13.5	32	3	7	
CEC-16	PG 21	PG 16	32	3	7	
CEC-16X	PG 29	PG 16	41	3.5	8	
CEC-21	PG 29	PG 21	41	3.5	8	
CEC-29	PG 36	PG 29	50	3.5	9	
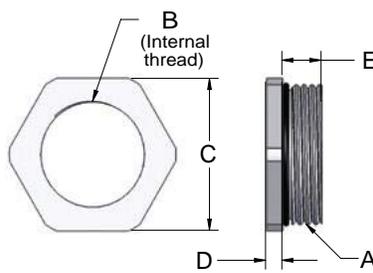
Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

PG Enlargers						
Part Number	A	B	C (mm)	D (mm)	E (mm)	F (mm)
CRC-09	PG 09	PG 11	10.5	6	12	20
CRC-09X	PG 09	PG 13.5	11.5	6	12	22
CRC-11	PG 11	PG 13.5	11.5	6	15	22
CRC-11X	PG 11	PG 16	12.5	6.5	15	24
CRC-13.5	PG 13.5	PG 16	12.5	6.5	17	24
CRC-16	PG 16	PG 21	14.5	6.5	18.5	30
CRC-16X	PG 16	PG 29	16	6.5	18.5	39
CRC-21	PG 21	PG 29	16	7	24	39
CRC-29	PG 29	PG 36	19.5	8	32	50
CRC-36	PG 36	PG 42	22	9	42	57
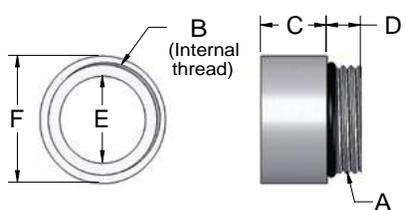
Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Cable Glands & Adapters
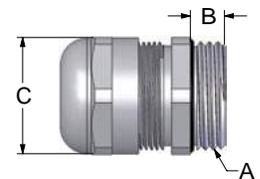
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Cable Glands

Metric Threads Cable Glands

Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCG-M06***	N/A	IP68	2 - 3.2	6.2	6	8	M6 x 1.0
MCG-M08***	N/A	IP68	3 - 5	8.2	4	11	M8 x 1.25
MCG-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCG-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCG-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCG-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCG-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCG-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCG-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCG-M63	UL Recognized	IP69K	27-48	63.2	10	65	M63 x 1.5

*** MCG-M06 & MCG-M08 are not supplied with jam nuts. Nuts are not available for these cable glands.
M12 through M32 are also available in Stainless steel. Add "SS" to the part number (e.g. MCG-M12-SS). Stainless steel glands do not come with jam nuts.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68 (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut and an O-Ring are supplied on all Metric threaded Metal Cable Glands, except where noted.

Materials:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene
O-Ring: BUNA-N

Cable Glands & Adapters

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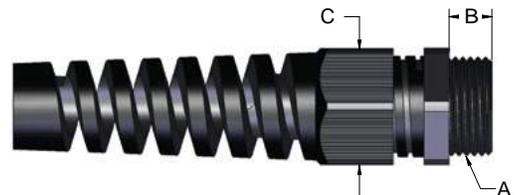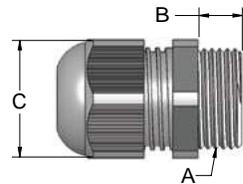Standard Plastic Cable Glands | Metric Threads | IP68 Rating

Part Number		UL Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
Gray	Black						
PCG-M12R	PCG-M12R-B	N/A	2 - 5	12.2	8	15	M12 x 1.5
PCG-M12	PCG-M12-B	UL Recognized	3 - 6.5	12.2	8	15	M12 x 1.5
PCG-M16R	PCG-M16R-B	N/A	3 - 7	16.2	8	22	M16 x 1.5
PCG-M16	PCG-M16-B	UL Recognized	5 - 10	16.2	8	22	M16 x 1.5
PCG-M20R	PCG-M20R-B	UL Recognized	5 - 9	20.2	8	24	M20 x 1.5
PCG-M20	PCG-M20-B	UL Listed	10 - 14	20.2	8	24	M20 x 1.5
PCG-M25R	PCG-M25R-B	N/A	9 - 16	25.2	8	33	M25 x 1.5
PCG-M25	PCG-M25-B	UL Recognized	13 - 18	25.2	8	33	M25 x 1.5
PCG-M32R	PCG-M32R-B	UL Listed	12 - 20	32.2	10	42	M32 x 1.5
PCG-M32	PCG-M32-B	UL Listed	18 - 25	32.2	10	42	M32 x 1.5
PCG-M40R	PCG-M40R-B	UL Listed	20 - 26	40.2	10	53	M40 x 1.5
PCG-M40	PCG-M40-B	UL Listed	22 - 32	40.2	10	53	M40 x 1.5
PCG-M50R	PCG-M50R-B	UL Listed	25 - 31	50.2	12	60	M50 x 1.5
PCG-M50	PCG-M50-B	UL Listed	30 - 38	50.2	12	60	M50 x 1.5
PCG-M63R	PCG-M63R-B	UL Listed	29 - 35	63.2	12	65	M63 x 1.5
PCG-M63	PCG-M63-B	UL Listed	34 - 44	63.2	12	65	M63 x 1.5

The Flex Style Version of UL recognized & UL listed parts are also UL recognized and UL listed.
For the flex style version, add "S" to the part number (e.g. PCG-M25-BS). Flex styles are not available on the PCG-M32 to PCG-M63 versions.

Mencom Cable Glands are easy to use and provide a good strain relief and water tight seal for round cables. The cable glands are rated up to IP 68-5 Bar (comparable to NEMA 6P). The glands have a wide clamping range.

A Locking Nut is supplied on all Metric threaded parts. O-Rings are not required to maintain a seal on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.

Materials:
Body: Polyamide
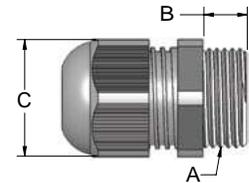Seal: Neoprene

Cable Glands & Adapters

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Cable Glands

Metric Threads Cable Glands

Part Number		UL Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
Gray	Black						
PCGU-M12	PCGU-M12-B	UL Recognized	2 - 5	12.2	8	15	M12 X 1.5
PCGU-M16	PCGU-M16-B	UL Recognized	3 - 10	16.2	8	20	M16 X 1.5
PCGU-M20	PCGU-M20-B	UL Recognized	5 - 13	20.2	8	24	M20 X 1.5
PCGU-M25	PCGU-M25-B	UL Recognized	8 - 17	25.2	8	29	M25 X 1.5
PCGU-M32	PCGU-M32-B	UL Recognized	12 - 21	32.2	10	36	M32 X 1.5
PCGU-M40	PCGU-M40-B	UL Recognized	16 - 28	40.2	10	46	M40 X 1.5
PCGU-M50	PCGU-M50-B	UL Recognized	21 - 35	50.2	12	55	M50 X 1.5
PCGU-M63	PCGU-M63-B	N/A	27 - 48	63.2	12	68	M63 X 1.5

These Cable Glands have a dual grommet system that allows for a much wider range in diameter than the standard plastic cable glands. Cables that are in the lower part of the diameter range will fit into the cable gland without any change. For cables that are in the upper part of the diameter range, the dome nut is removed and the seals are removed. Separate the inner seal from the outer seal into the cable gland and then put the outer seal back in place. It is now ready for use with the larger cable.

A Locking Nut is supplied on all Metric threaded parts. An O-Ring is not needed on any sizes smaller than M32. An O-Ring is supplied on size M32 and larger.

Materials:
Body: Nickel Plated Brass
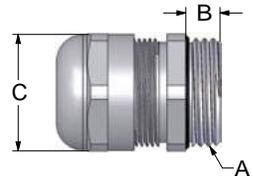O-Ring: BUNA-N

Cable Glands & Adapters

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EMI Shielding Brass Cable Glands | Metric Threads | IP68/IP69K Rating

Part Number	UL Rating	IP Rating	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCGB-M12	UL Recognized	IP69K	3 - 6	12.2	5	14	M12 x 1.5
MCGB-M12L	UL Recognized	IP69K	3 - 6	12.2	10	14	M12 x 1.5
MCGB-M16	UL Recognized	IP69K	3 - 9	16.2	5	17	M16 x 1.5
MCGB-M16L	UL Recognized	IP69K	3 - 9	16.2	10	17	M16 x 1.5
MCGB-M20	UL Recognized	IP69K	5 - 13	20.2	6	22	M20 x 1.5
MCGB-M20L	UL Recognized	IP69K	5 - 13	20.2	10	22	M20 x 1.5
MCGB-M25	UL Recognized	IP69K	8 - 16	25.2	7	27	M25 x 1.5
MCGB-M25L	UL Recognized	IP69K	8 - 16	25.2	11	27	M25 x 1.5
MCGB-M32	UL Recognized	IP68	12 - 21	32.2	8	34	M32 x 1.5
MCGB-M32L	UL Recognized	IP68	12 - 21	32.2	13	34	M32 x 1.5
MCGB-M40	UL Recognized	IP68	16 - 27	40.2	8	43	M40 x 1.5
MCGB-M40L	UL Recognized	IP68	16 - 27	40.2	13	43	M40 x 1.5
MCGB-M50	UL Recognized	IP69K	21 - 35	50.2	9	55	M50 x 1.5
MCGB-M50L	UL Recognized	IP69K	21 - 35	50.2	14	55	M50 x 1.5
MCGB-M63	UL Recognized	IP69K	27 - 48	63.2	10	65	M63 x 1.5

Lock Nuts are supplied with all cable glands listed other than MCGB-M12, MCGB-M16 and MCGB-M20. These threads are too short to be used with Lock Nuts.

Mencom EMI Cable Glands provide an easy way to ground the shield from a shielded cable to the body of the metal cable gland. The seal rating is IP 68.

Materials:
Body: Nickel Plated Brass
Insert: Polyamids
O-Ring: Neoprene

Cable Glands & Adapters

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Part Number	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
MCGEX-M12	3 - 6.5	12.2	5	14	M12 x 1.5
MCGEX-M16	5 - 9	16.2	5	17	M16 x 1.5
MCGEX-M20	6 - 12	20.2	6	22	M20 x 1.5
MCGEX-M25	11 - 16	25.2	7	27	M25 x 1.5
MCGEX-M32	14 - 21	32.2	8	34	M32 x 1.5
MCGEX-M40	19 - 27	40.2	8	43	M40 x 1.5
MCGEX-M50	24 - 35	50.2	9	55	M50 x 1.5
MCGEX-M63	32 - 42	63.2	10	65	M63 x 1.5

These Explosion-Proof Cable Glands are made of Nickel Plated Brass and are for potentially explosive areas according to EN 50014 and EN 50019. The type of protection is EExd e II-increased safety. There is excellent strain relief, a wide clamping range, and a torsion protected plastic insert that is resistant to impact at cold temperatures. Also, the cable glands feature a neoprene sealing insert, the O-Ring seal is BUNA-N, and the permanent ambient temperature is -25ºC to +80ºC (-13° F to +176ºF). Protection type is IP 68 according to EN 60529, E-Generation, certificate of conformity: DMT 99 ATEX E 016. Locking Nuts must be ordered separately.
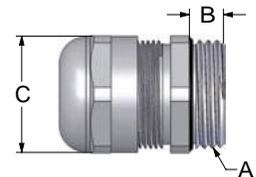
ATEX 100a

With a view toward further harmonization of the legal provisions in the European Union in respect to the use of equipment and protection systems in accordance with the regulations in areas subject to explosion hazards, the European Parliament and Council passed Directive 94/9/EC on the 23rd of March, 1994. This directive is also known as ATEX 100A. The period for implementing this guideline started on the 1st of March, 1996 and from the 1st of July, 2003 onwards, it will replace and supplement all directives on explosion protection applicable to date at the European level. The single market requires national regulations to be replaced by European Standards (EN).

he ATEX 100A governs the requirements for all (both electrical and non-electrical) equipment and protection systems which are intended for use in areas subject to explosion hazards. Monitoring, control and safety equipment for use outside areas subject to explosion hazards also fall within the provisions of this directive if they are necessary in view of explosion hazards for the safe running of equipment and protection systems.

The explosion-proof cable glands listed in this catalog are produced in Germany and are for use in areas subject to explosion hazards. Such parts are also termed "cable glands and entry fittings" (abbreviated KLE) and "accessories."

EN 50014 defines cable glands and entry fittings as equipment which allows one or several electrical and/or fibre optic cables or wires to be inserted into electrical equipment while retaining the corresponding type of protection.

The explosion-proof KLE items contained in this catalog are suitable for inserting cables and wires into housing of protection type EEx e "increased safety," and EEx i "inherent safety" in Device Groups II and Categories 2 and 3.

For further information on ATEX and European explosion-proof classifications, please consult the factory.

These specifications are not intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.

Cable Glands & Adapters

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Explosion-Proof Plastic Cable Glands | Metric Threads | IP66 Rating

| Part Number	Color	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Thread Length (mm)	C Wrench Flats (mm)	Thread Type
PCGEX-M12-B	Black	4 - 7	12.2	8	15	M12 x 1.5
PCGEX-M12L-B	Black	4 - 7	12.2	12	15	M12 x 1.5
PCGEX-M16-B	Black	5.5 - 10	16.2	8	20	M16 x 1.5
PCGEX-M16L-B	Black	5.5 - 10	16.2	12	20	M16 x 1.5
PCGEX-M20-B	Black	5.5 - 13	20.2	8	24	M20 x 1.5
PCGEX-M20L-B	Black	5.5 - 13	20.2	13	24	M20 x 1.5
PCGEX-M25-B	Black	8 - 17	25.2	8	29	M25 x 1.5
PCGEX-M25L-B	Black	8 - 17	25.2	13	29	M25 x 1.5
PCGEX-M32-B	Black	12 - 21	32.2	10	36	M32 x 1.5
PCGEX-M40-B	Black	17 - 28	40.2	10	46	M40 x 1.5
PCGEX-M50-B	Black	22 - 35	50.2	12	55	M50 x 1.5
PCGEX-M63-B	Black	27 - 48	63.2	12	68	M63 x 1.5

Intrinsically safe explosion proof versions are also available, please consult the factory.
Protection type EExd e II is a standard European classification.
These specifications are NOT intended to be correlated to or to be a substitution for U.S. Explosion-Proof ratings.

Type of protection EExd e II- increased safety. Permanent ambient temperature -50ºC to +55ºC
(-58ºF to +131ºF). Protection type is
IP 66 according to EN 60529. Certificate of conformity: PTB-No.
Ex-92-C.3142; PTB-No. Ex-92.C3108X (M12 & M16).

Locking Nuts must be ordered separately.

Materials: ALCRYM

Cable Glands & Adapters

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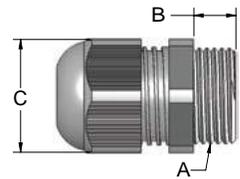
Plastic Nuts

Part Number		A (mm)	B (mm)	Thread Type	Style
Gray	Black				
2M12PA	2M12PA/SW	17	5	M12 x 1.5	
2M16PA	2M16PA/SW	22	5	M16 x 1.5	
2M20PA	2M20PA/SW	27	6	M20 x 1.5	
2M25PA	2M25PA/SW	32	6	M25 x 1.5	
2M32PA	2M32PA/SW	41	7	M32 x 1.5	
2M40PA	2M40PA/SW	50	7	M40 x 1.5	
2M50PA	2M50PA/SW	60	8	M50 x 1.5	
2M63PA	2M63PA/SW	75	8	M63 x 1.5	

Materials: Polyamide

Metal Nuts

Part Number		A (mm)	B (mm)	Thread Type	Style
Nickel Plated Brass	Stainless Steel				
2M12M	2M12M-SS	15	2.8	M12 x 1.5	
2M16M	2M16M-SS	19	2.8	M16 x 1.5	
2M20M	2M20M-SS	24	3	M20 x 1.5	
2M25M	2M25M-SS	30	3.5	M25 x 1.5	
2M32M	2M32M-SS	36	4	M32 x 1.5	
2M40M	2M40M-SS	46	5	M40 x 1.5	
2M50M	2M50MPOT-SS	60	5	M50 x 1.5	
2M63M	2M63MPOT-SS	70	6	M63 x 1.5	

Materials: Nickel Plated Brass/ Stainless Steel

Cutting Metal Nuts

Part Number	A (mm)	B (mm)	Thread Type	Style
2M12MPOT	15	2.8	M12 x 1.5	
2M16MPOT	19	2.8	M16 x 1.5	
2M20MPOT	24	3	M20 x 1.5	
2M25MPOT	30	3.5	M25 x 1.5	
2M32MPOT	36	4	M32 x 1.5	
2M40MPOT	46	5	M40 x 1.5	
2M50MPOT	60	5	M50 x 1.5	
2M63MPOT	70	6	M63 x 1.5	

Materials: Nickel Plated Brass

Cable Glands & Adapters

U

Blanking Plugs | Metric Threads | IP68 Rating

Plastic Blanking Plugs					
Part Number		Diameter (mm)	Thread Length (mm)	Thread Type	Style
Gray	Black				
CRB-M12PA	CRB-M12PA/SW	15	6	M12 x 1.5	
CRB-M16PA	CRB-M16PA/SW	20	6	M16 x 1.5	
CRB-M20PA	CRB-M20PA/SW	24	6	M20 x 1.5	
CRB-M25PA	CRB-M25PA/SW	30	8	M25 x 1.5	
CRB-M32PA	CRB-M32PA/SW	37	8	M32 x 1.5	
CRB-M40PA	CRB-M40PA/SW	46	8	M40 x 1.5	
CRB-M50PA	CRB-M50PA/SW	56	10	M50 x 1.5	
CRB-M63PA	CRB-M63PA/SW	70	12	M63 x 1.5	
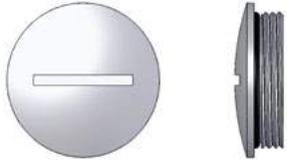
Materials:
Metal: Nickel Plated Brass
O-Ring: BUNA-N

Metal Blanking Plugs					
Part Number	UL Rating	Diameter (mm)	Thread Length (mm)	Thread Type	Style
CRB-M12	UL recognized	16	5	M12 x 1.5	
CRB-M16	UL recognized	20	6	M16 x 1.5	
CRB-M20	UL listed	24	6.5	M20 x 1.5	
CRB-M25	UL listed	28	7	M25 x 1.5	
CRB-M32	UL listed	35	8	M32 x 1.5	
CRB-M40	UL listed	45	8	M40 x 1.5	
CRB-M50	UL listed	55	9	M50 x 1.5	
CRB-M63	UL listed	68	10	M63 x 1.5	
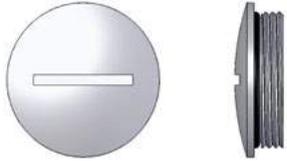
Materials:
Plastic: Polyamide
O-Ring: BUNA-N

Cable Glands & Adapters

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Cable Glands Accessories

Metric Threads Cable Adapters

Metric to PG							
Part Number	**A**	**B**	**C (mm)**	**D (mm)**	**E (mm)**	**F (mm)**	**Style**
M12-PG9	M12 x 1.5	PG 09	11	5	8	17	
M16-PG11	M16 x 1.5	PG 11	12	5	12	20	
M20-PG16	M20 x 1.5	PG 16	14	6	15	24	
M25-PG21	M25 x 1.5	PG 21	14.5	7	21	30	
M32-PG29	M32 x 1.5	PG 29	17	8	26	39	
M40-PG36	M40 x 1.5	PG 36	20.5	8	34	50	
M50-PG42	M50 x 1.5	PG 42	23	9	44	57	
M50-PG48	M50 x 1.5	PG 48	24	9	44	64	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Metric to NPT (Metal)							
M16-1/2	M16 x 1.5	1/2" NPT	18.5	6.5	11	24	
M20-1/2	M20 x 1.5	1/2" NPT	18.5	6.5	15	24	
M25-3/4	M25 x 1.5	3/4" NPT	21	7	18	30	
M32-3/4	M32 x 1.5	3/4" NPT	18	8	23	37	
M32-1	M32 x 1.5	1" NPT	25	8	27	38	
M40-1.25	M40 x 1.5	1.25" NPT	26	8	34	46	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Metric to NPT (Black Plastic)							
M16-1/2PA/SW	M16 x 1.5	1/2" NPT	27	8	28	11	
M20-1/2PA/SW	M20 x 1.5	1/2" NPT	27	8	27	15	
M25-12-PASW	M29 x 1.5	1/2" NPT	29	8	27	17	
M32-34-PASW	M32 x 1.5	3/4" NPT	36	10	30	23.5	

Materials:
Body: Polyamide

Cable Glands & Adapters

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Metric Enlargers

Part Number	A	B	C (mm)	D (mm)	E (mm)	F (mm)	Style
CRC-M12	M12 x 1.5	M16 x 1.5	18	5	16	8	
CRC-M16	M16 x 1.5	M20 x 1.5	22	5	16.5	12	
CRC-M20	M20 x 1.5	M25 x 1.5	27	6	18.5	15	
CRC-M25	M25 x 1.5	M32 x 1.5	34	7	20.5	21	
CRC-M32	M32 x 1.5	M40 x 1.5	42	8	23.5	26	
CRC-M40	M40 x 1.5	M50 x 1.5	52	8	30	34	
CRC-M50	M50 x 1.5	M63 x 1.5	65	9	32.5	44	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Metric to PG

Part Number	A	B	C (mm)	D (mm)	E (mm)	Style
CEC-M12	M16 x 1.5	M12 x 1.5	17	5	8	
CEC-M12X	M20 x 1.5	M12 x 1.5	22	6	9	
CEC-M16	M20 x 1.5	M16 x 1.5	22	6	9	
CEC-M16X	M25 x 1.5	M16 x 1.5	27	7	10	
CEC-M20	M25 x 1.5	M20 x 1.5	27	7	10	
CEC-M20X	M32 x 1.5	M20 x 1.5	34	8	11	
CEC-M25	M32 x 1.5	M25 x 1.5	34	8	11	
CEC-M20Y	M40 x 1.5	M20 x 1.5	43	8	12	
CEC-M25X	M40 x 1.5	M25 x 1.5	43	8	12	
CEC-M32	M40 x 1.5	M32 x 1.5	43	8	12	
CEC-M25Y	M50 x 1.5	M25 x 1.5	55	9	13	
CEC-M32X	M50 x 1.5	M32 x 1.5	55	9	13	
CEC-M40	M50 x 1.5	M40 x 1.5	55	9	13	
CEC-M32Y	M63 x 1.5	M32 x 1.5	65	10	14	
CEC-M40X	M63 x 1.5	M40 x 1.5	65	10	14	
CEC-M50	M63 x 1.5	M50 x 1.5	65	10	14	

Materials:
Body: Nickel Plated Brass
O-Ring: BUNA-N

Cable Glands & Adapters

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Cable Glands for Flat Cable Applications

Mencom's plastic and brass cable glands are perfect for flat and festoon cables. Sealing ratings up to IP 66 can be obtained.
A Locking Nut is supplied on all Metric and PG threaded parts. An O-Ring is not needed for the plastic style cable glands smaller than M32.
O-Rings are supplied on M32 and larger sizes.

Plastic Version									
Part Number		A Wrench Flats (mm)	B Thread Length (mm)	S1 DIM MIN (mm)	S1 DIM MIN (mm)	S DIM MIN (mm)	S DIM MIN (mm)	Thread Type	Mounting Hole Clearance (mm)
Gray	Black								
PFG-M20-12X5	PFG-M20-12X5-B	24	8	12	8	5	2	M20 X 1.5	20.2
PFG-M25-16.3X6	PFG-M25-16.3X6-B	29	8	16.3	10	6	2	M25 X 1.5	25.2
PFG-M32-20X9	PFG-M32-20X9-B	36	10	20	12	9	3	M32 X 1.5	32.2
PFG-M40-27X10	PFG-M40-27X10-B	46	10	27	19	10	3	M40 X 1.5	40.2
PFG-M50-34X13	PFG-M50-34X13-B	55	12	34	23	13	4	M50 X 1.5	50.2
PFG-M63-45X15	PFG-M63-45X15-B	68	12	45	32	15	6	M63 X 1.5	63.2
PFG-1/2-12X5	PFG-1/2-12X5-B	22	13	12	8	5	2	1/2-14 NPT	21.2
PFG-13.5-12X5	PFG-13.5-12X5-B	22	6.5	12	8	5	2	PG13.5	20.2

Brass Version								
Part Number	A Wrench Flats (mm)	B Thread Length (mm)	S1 DIM MIN (mm)	S1 DIM MIN (mm)	S DIM MIN (mm)	S DIM MIN (mm)	Thread Type	Mounting Hole Clearance (mm)
MFG-M20-12X5	24	6	12	9	5	2	M20 X 1.5	20.2
MFG-M25-16.3X6	29	7	16.3	11	6	2	M25 X 1.5	25.2
MFG-M32-20X9	36	8	20	13	9	3	M32 X 1.5	32.2
MFG-M40-27X10	46	8	27	17	10	3	M40 X 1.5	40.2
MFG-M50-34X13	55	9	34	24	13	4	M50 X 1.5	50.2
MFG-M63-45X15	68	10	45	33	15	6	M63 X 1.5	63.2
MFG-1/2-12X5	22	13	12	9	5	2	1/2-14 NPT	21.2
MFG-13.5-12X5	22	6.5	12	9	5	2	PG13.5	20.2

Sealing for these cable glands is IP 66 only if the cable matches the slot dimensions exactly. For cables that are less than the "max", but more than the "min", the seals are rated to IP 54.
Longer thread lengths are available for some of these cable glands, please consult the factory.
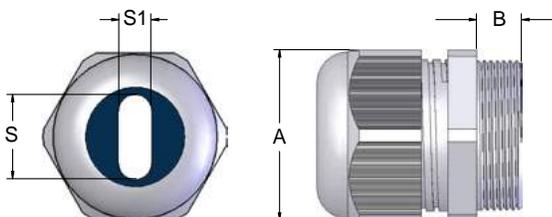
Plastic Version Materials:
Body: Polyamide
Seal: Neoprene

Brass Version Materials:
Body: Nickel Plated
             Brass
Insert: Polyamide
Grommet : TPE
O-Ring :   BUNA-N

Cable Glands & Adapters

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ASI Cable Glands | Metric, PG & NPT Threads | IP65 Rating

Plastic ASI Cable Glands						
Part Number		Figure Number	A Mounting Hole Clearance	B Thread Length	C Wrench Flats	Thread Type
Gray	Black					
PCG-1/2-ASI	PCG-1/2-B-ASI	Figure 1	.825"	.591"	1.06"	1/2" NPT
PCG-1/2-2ASI	PCG-1/2-B-2ASI	Figure 2	.825"	.591"	1.06"	1/2" NPT
PCG-13.5-ASI	PCG-13.5-B-ASI	Figure 1	.825"	.354"	.945"	PG 13.5
PCG-13.5-2ASI	PCG-13.5-B-2ASI	Figure 2	.825"	.354"	.945"	PG 13.5
PCG-M20-ASI	PCG-M20-B-ASI	Figure 1	20.5 mm	8 mm	27 mm	M20x1.5
PCG-M20-2ASI	PCG-M20-B-2ASI	Figure 2	20.5 mm	8 mm	27 mm	M20x1.5
PCG-M25-ASI	PCG-M25-B-ASI	Figure 1	25.5 mm	8 mm	33 mm	M25x1.5
PCG-M25-2ASI	PCG-M25-B-2ASI	Figure 2	25.5 mm	8 mm	33 mm	M25x1.5

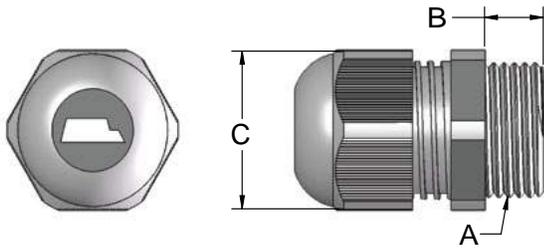| Metal ASI Cable Glands					
Part Number	Figure Number	A Mounting Hole Clearance	B Thread Length	C Wrench Flats	Thread Type
MCG-1/2-ASI	Figure 1	.825"	.591"	1.06"	1/2" NPT
MCG-13.5-ASI	Figure 1	.825"	.256"	.945"	PG 13.5
MCG-M20-ASI	Figure 1	20.5 mm	6 mm	22 mm	M20x1.5
MCG-M25-ASI	Figure 1	25.5 mm	7 mm	27 mm	M25x1.5
MCG-M25-2ASI	Figure 2	25.5 mm	7 mm	27 mm	M25x1.5

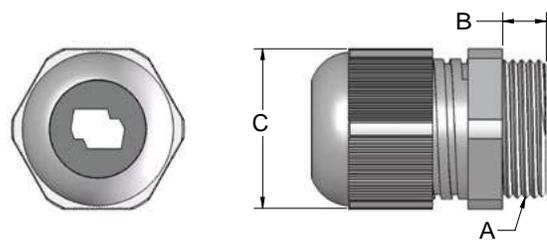**Figure 1: Single**

Figure 2: Double

Plastic Material:
Body: Polyamide
Seal: Neoprene

Metal Material:
Body: Nickel Plated Brass
Insert: Polyamide
Seal: Neoprene

Click Seal Metric										
Part Number	**Color**	**Size**	**IP 67 Diameter Range (mm)**	**IP 65 Diameter Range (mm)**	**A Mounting Hole Clearance (mm)**	**B Panel Thickness Range (mm)**	**L1 (mm)**	**L2 (mm)**	**L3 (mm)**	**SW (mm)**
SGL-M20-TGY	Gray	M20	7 - 11	4 - 11	20.5	2 - 5	17 - 20	5.7	4.0	29.3 - 34.5
SGL-M25-TGY	Gray	M25	7 - 13	4 - 14	25.5	2 - 5	17 - 20	5.7	5.0	34.3 - 40.0

For volume use, black or light gray glands are available. Please consult the factory for part numbers and availability.

Test standard EN60529:1991+A1, EN50262:1998, EMKO-TUI (03-SEC) FI001/84
The IP67 cable range has been tested to the same EN 50262 pull force requirements as Mencom's standard PCG cable glands.

Specifications:

Body: TPE (Thermoplastic Elastomer) and Polyamide
Temperature: -20ºC to +125ºC (-4º to +257ºF)
Protection: IP67 and IP65
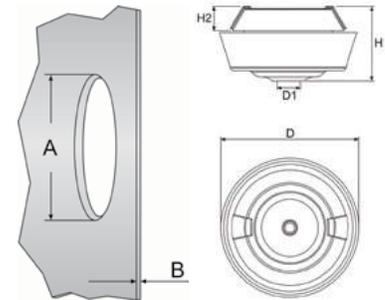
Height of only 17-20 mm, 5.7 mm on the outside irrespective of size. Cable glands are approx. 30-40 mm.

Installation time saving up to 90%.

Ergonomic installation

Fixed in both directions when mounted.

Rubber coated tension relief for protection of the cable mantle.

Integrated tension relief

Handles large range of cable and pipe diameters.

"Pushout" membrane

Self-adjusting to wall thickness 2 - 5 mm.

Space saving design

Click Seal means no material compression during installation.

Fixed IP67 / IP65

Cable Glands & Adapters

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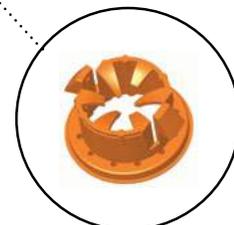
Cable Glands

Sealing Glands

| PG Holes								
Gray EPDM	Black Chloroprene	Size	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Panel Thickness Range (mm)	Da (mm)	H (mm)	H1 (mm)
SG-PG07-EGY	SG-PG07-CBK	PG 7	3 -5	13	0.5 - 2	20	12.6	5.4
SG-PG09-EGY	SG-PG09-CBK	PG 9	5 - 7	16	1 - 4	21	17.8	10.3
SG-PG11-EGY	SG-PG11-CBK	PG 11	7 - 10	19	1 - 4	24	19.8	12.7
SG-PG16-EGY	SG-PG16-CBK	PG 16	10 - 14	23	1 - 4	28	21.6	14.7
SG-PG21-EGY	SG-PG21-CBK	PG 21	14 - 20	29	1 - 4	35	24.6	17.6
SG-PG29-EGY	SG-PG29-CBK	PG 29	20 - 26	38	1 - 4	46	28.5	20.0
SG-PG36-EGY	SG-PG36-CBK	PG 36	26 - 35	48	1 - 4	58	34.9	23.9
Metric Holes								
SG-M12-EGY	SG-M12-CBK	M12	4 - 7	12.5	0.5 - 2	20	12.8	5.6
SG-M16-EGY	SG-M16-CBK	M16	5 - 9	16.5	1 - 4	21	17.7	11.0
SG-M20-EGY	SG-M20-CBK	M20	8 - 13	20.5	1 - 4	25.5	20.0	13.4
SG-M25-EGY	SG-M25-CBK	M25	11 - 17	25.5	1 - 4	30.5	21.3	15.3
SG-M32-EGY	SG-M32-CBK	M32	15 - 20	32.5	1 - 4	38.5	24.6	18.6
SG-M40-EGY	SG-M40-CBK	M40	19 - 28	40.5	1 - 4	48.5	29.5	21.7
SG-M50-EGY	SG-M50-CBK	M50	27 - 35	50.5	1 - 4	60.5	34.8	25.0

For volume use, black or light gray glands are available. Please consult the factory for part numbers and availability.

Specifications:

Body: EPDM
Temperature: -40ºC to +110ºC (-40º to +230ºF)
Protection: IP67

Body: Chloroprene
Temperature: -40ºC to +100ºC (-22º to +212ºF)
Protection: IP67
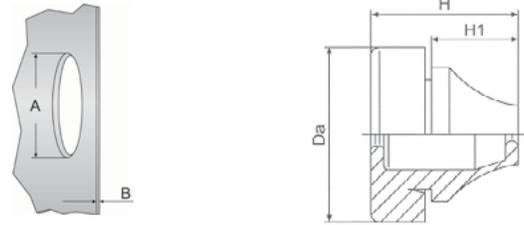
TSS Metric										
Part Number	Color	Size	Diameter Range (mm)	A Mounting Hole Clearance (mm)	B Panel Thickness Range (mm)	H (mm)	H1 (mm)	H2 (mm)	D (mm)	D1 (mm)
SGC-M16-TGY	Gray	M16	5 - 10	16.5	0.5 - 3.0	11	4	6.75	23.5	4
SGC-M20-TGY	Gray	M20	6 - 13	20.5	0.5 - 3.0	11	4	6.75	27.5	5
SGC-M25-TGY	Gray	M25	8 - 17	25.5	0.5 - 3.5	11	4	6.75	32.5	7
SGC-M32-TGY	Gray	M32	12 - 24	32.5	0.5 - 4.5	11	4	6.75	39.5	11

Specifications:

Body: TPE (Thermsplastic Elastomer)
Temperature: -50ºC to +125ºC (-58º to +257ºF)
Protection: IP67
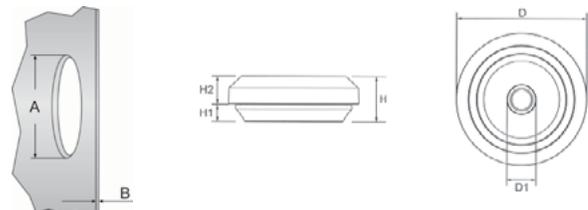
Cable Glands Accessories
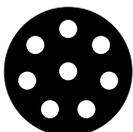### *Multi-Hole Cable Gland Inserts*

Part Number	# of Holes	Diameter of Holes mm (inches)	Fits Into	
PG09-0x0	0	None	MCG-09 MCG-09R MCG-3/8 MCG-3/8R	PCG-09 PCG-09-B PCG-09R PCG-09R-B
PG09-2x3	2	3 (0.118)		
PG09-2x3.5	2	3.5 (0.138)		
PG09-3x2	3	2 (0.079)		
PG09-3x3.5	3	3.5 (0.138)		
PG09-4x2	4	2 (0.079)		
PG09-4x3	4	3 (0.118)		
PG11-0x0	0	None	MCG-11 MCG-11R PCG-11 PCG-11-B PCG-11R PCG-11R-B PCG-3/8	PCG-3/8-B PCG-3/8R PCG-3/8R-B PCG-M16 PCG-M16-B PCG-M16R PCG-M16R-B
PG11-2x3	2	3 (0.118)		
PG11-2x4	2	4 (0.157)		
PG11-2x4.5	2	4.5 (0.177)		
PG11-2x5	2	5 (0.197)		
PG11-3x3	3	3 (0.118)		
PG11-3x4	3	4 (0.157)		
PG11-3x5	3	5 (0.197)		
PG11-4x3	4	3 (0.118)		
PG11-7x2.7	7	2.7 (0.107)		
PG13.5-0x0	0	None	MCG-13.5 MCG-13.5R MCG-1/2 MCG-1/2R PCG-13.5 PCG-13.5-B PCG-13.5R	PCG-13.5R-B PCG-1/2X PCG-1/2X-B PCB-1/2Y PCG-1/2Y-B PCG-M20R PCG-M20R-B
PG13.5-2x4.5	2	4.5 (0.177)		
PG13.5-2x5	2	5 (0.197)		
PG13.5-2x6	2	6 (0.236)		
PG13.5-3x4	3	4 (0.157)		
PG13.5-3x5	3	5 (0.197)		
PG16-0x0	0	None	MCG-16 MCG-16R PCG-16 PCG-16-B PCG-16R PCG-16R-B	PCG-1/2 PCG-1/2-B PCG-1/2R PCG-1/2R-B PCG-M20 PCG-M20B
PG16-2x4	2	4 (0.157)		
PG16-2x6	2	6 (0.236)		
PG16-3x4	3	4 (0.157)		
PG16-3x4.5	3	4.5 (0.177)		
PG16-3x5	3	5 (0.197)		
PG16-3x6	3	6 (0.236)		
PG16-3x6.5	3	6.5 (0.256)		
PG16-3x7	3	7 (0.276)		
PG16-4x4	4	4 (0.157)		
PG16-4x5	4	5 (0.197)		
PG16-4x6	4	6 (0.236)		
PG16-5x4	5	4 (0.157)		

Inserts are intended for use with wires, cables, or tubes that have diameters that are within ±0.020" of the "hole diameter" listed.
Inserts without holes allow the user to drill holes for low volume, custom applications.

Mencom Multi-Hole Cable Gland Inserts will allow the user to use one cable gland for multiple wires, cables, or tubes.
The inserts fit into the Mencom "MCG" or "PCG" cable glands, and will seal to IP 65.

Cable Glands & Adapters

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Multi-Hole Cable Gland Inserts | IP65 Rating

Part Number	# of Holes	Diameter of Holes mm (inches)	Fits Into
PG21-0x0	0	None	
PG21-2x7	2	7 (0.276)	
PG21-2x8	2	8 (0.315)	
PG21-2x9	2	9 (0.354)	
PG21-3x7	3	7 (0.276)	MCG-21 PCG-3/4-R
PG21-3x8	3	8 (0.315)	MCG-21R PCG-3/4R-B
PG21-4x5	4	5 (0.197)	PCG-21-B PCG-M25
PG21-4x6.5	4	6.5 (0.256)	PCG-21R PCG-M25-B
PG21-4x7	4	7 (0.276)	PCG-21R-B PCG-M25R
PG21-4x7.5	4	7.5 (0.295)	PCG-3/4 PCG-M25R-B
PG21-5x5	5	5 (0.197)	PCG-3/4-B
PG29-0x0	0	None	
PG29-5x8.5	5	8.5 (0.335)	MCG-29 PCG-1.0
PG29-6x5	6	5 (0.197)	MCG-29R PCG-1.0-B
PG29-6x7.5	6	7.5 (0.295)	PCG-29 PCG-1.0R
PG29-8x5	8	5 (0.197)	PCG-29-B PCG-1.0R-B PCG-29R PCG-M32 PCG-29R-B PCG-M32-B
M25-0x0	0	None	
M25-2x8	2	8 (0.315)	
M25-3x4	3	4 (0.157)	MCG-3/4 MCG-3/4R MCG-M25
M25-3x7	3	7 (0.276)	
M25-4x5	4	5 (0.197)	
M25-4x6.5	4	6.5 (0.256)	

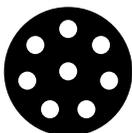Inserts can be pre-installed in cable glands for orders of 100 or more. Order as follows:

Multi-Hole Insert	Desired Cable Gland	Resulting Part Number
PG 11-3X3	MCG-11	MCG-11-3X3

Mencom Multi-Hole Cable Gland Inserts will allow the user to use one cable gland for multiple wires, cables, or tubes. The inserts fit into the Mencom "MCG" or "PCG" cable glands, and will seal to IP 65.

Cable Glands & Adapters

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Cable Glands Accessories

O-Rings

For Metric Threads: O-Rings (100 Pieces/Package)				
Part Number	Size	A (mm)	B (mm)	C (mm)
3M12G	M12	12	9	1.5
309G	M16	16	13	1.5
313G	M20	21	18	2.0
3M25G	M25	27	23	2.0
3M32G	M32	34	29	2.5
3M40G	M40	41	37	2.0
3M50G	M50	52	47	2.5
3M63G	M63	66	60	3.0
For PG Threads: O-Rings (100 Pieces/Package)				
307G	PG 07	13	10	1.5
309G	PG 09	17	13	1.5
311G	PG 11	20	16	2.0
313G	PG 13.5	22	18	2.0
316G	PG 16	24	20	2.0
321G	PG 21	28	24	2.0
329G	PG 29	37	33	2.0
336G	PG 36	47	42	2.5
342G	PG 42	53	48	2.5
348G	PG 48	60	54	3.0
For NPT Threads: O-Rings (100 Pieces/Package)				
309G	3/8" NPT	17	13	1.5
313G	1/2" NPT	22	18	2.0
321G	3/4" NPT	28	24	2.0

Material:
O-Ring: BUNA-N

Cable Glands & Adapters

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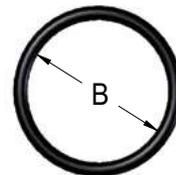
Cable Entry System

KADP Cable Entry System

KADP Cable Entry Plate | ILME Size 24 Panel Cutout | IP66 Rating

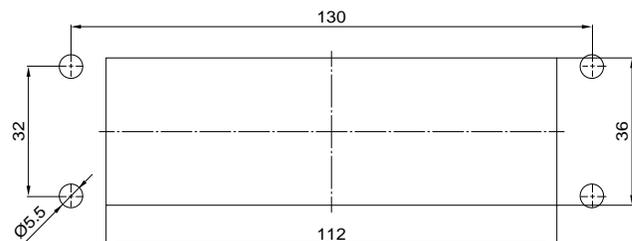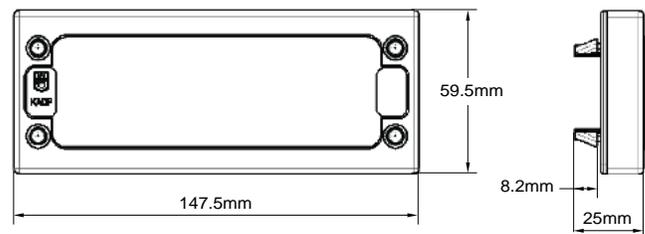| Part Number	# of Entries	Cable Diameter Range										
		1.5 ~ 2.6 mm	2.5 ~ 5.0 mm	3.0 ~ 5.5 mm	3.0 ~ 6.5 mm	4.1 ~ 8.1 mm	5.0 ~ 9.2 mm	8.0 ~ 12.0 mm	8.0 ~ 12.5 mm	9.0 ~ 14.0 mm	9.6 ~ 15.9 mm	14.0 ~ 20.0 mm
KADP-24-11	11				4		4					3
KADP-24-12	12							12				
KADP-24-13	13			2		6				4		1
KADP-24-14	14				6		4				4	
KADP-24-17	17						17					
KADP-24-17-1	17				11	1			5			
KADP-24-22	22				16		4		2			
KADP-24-23	23					23						
KADP-24-29	29				29							
KADP-24-BLI	0											

Application
For introduction of cables, hoses, pneumatic and hydraulic lines

Benefits
Fast and simple installation
Up to 10 times faster than with cable glands
Space savings of over 50%

Mounting
Usable on panel cutouts Size 24 ILME industrial multipole connectors (e.g. Harting or Wieland), mounting in wall thicknesses from 1.5 to 2.0mm. For plates with thicknesses greater than 2.0 mm the cable entry plate KADP can be attached with screws.

Specifications:
Flange: Polyamide PA6 V-0
Elastomeric Plate: EPDM
Sealing: TPE
Temperature: -30ºC to +100ºC (-22ºF to +212ºF)

59.5mm
147.5mm
8.2mm
25mm

130
32
Ø5.5
112
36

Hole Dimensions

Cable Glands & Adapters

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Cable Entry System

KADL Cable Entry System

| Part Number	# of Entries	Hole Size mm	Dimension (mm)			
			L	L1	H	H1
KADL-5K	5	125 x 35	153	63	30.3	8.3
KADL-10K	10	125 x 57.5	153	85.5	30.3	8.3
KADL-15K	15	125 x 80	153	108	30.3	8.3
KADL-20K	20	125 x 102.5	153	130.5	30.3	8.3
KADL-25K	25	125 x 125	153	153	30.3	8.3
KADL Expansion Insert						
KADL-EXP	N/A	N/A	153	27	30.3	8.3

KADL-EXP is an expansion insert for adding 5 holes to an existing 5, 10, 15, or 20 hole frame.
Required hole size will change according to the number of expansion inserts used. Maximum frame size not to exceed 25 holes.
Grommets ordered separately.

Application
Insertion and sealing of pre-assembled cables with connectors into housings

Benefits
- Modular design and high packaging density
- Grommet clamping range to 2 mm
- Strain relief for cables
- Easy retrofits and adjustments
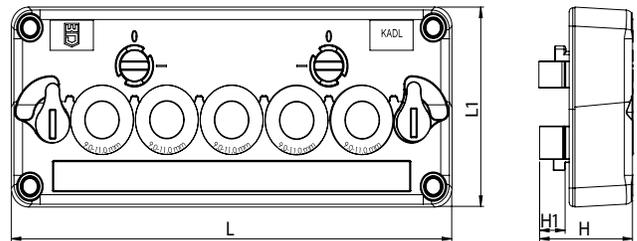
Mounting
Mounting in wall thicknesses from 1.5 to 2.0 mm
KADL can be attached with screws for wall thicknesses greater than 2.0 mm

Specifications:
Flange: Polyamide PA6 V-0
Sealing: TPE
Temperature: -30ºC to +100ºC (-22ºF to +212ºF)

KADL Cable Entry System   **Expansion Insert**

Part Number	Ø C mm	H mm	Da mm	Style
KADL Grommets				
TK3-5	3-5	20	22.2	
TK5-7	5-7	20	22.2	
TK7-9	7-9	20	22.2	
TK9-11	9-11	20	22.2	
TK11-13	11-13	20	22.2	
TK13-15	13-15	20	22.2	
TK15-16.5	15-16.5	20	22.2	
TKG	N/A	20	22.2	

Cable Glands & Adapters

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Cable Glands & Adapters

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