

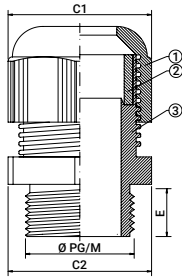


CABLE GLANDS

intercable

POLYAMIDE PA6 CABLE GLANDS - IP68

High Performance



Degree of protection: IP68 - 5 bar
Material:
• ①/③ polyamide PA6 (self estinguished UL94-V2)
• ② sealing: neoprene 70 shore A
Opertating temperature: -40°C ÷ 100°C
Colour: grey RAL7035



METRIC THREAD

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68M12H	M12 x 1,5	2,5	6,5	8	15	15	50
PN68M16H	M16 x 1,5	3,5	10	10	22	22	50
PN68M20H	M20 x 1,5	5	12	10	24	24	50
PN68M25H	M25 x 1,5	9	18	10	33	33	25
PN68M32H	M32 x 1,5	14	25	10	42	42	20
PN68M40H	M40 x 1,5	18	32	10	53	53	10
PN68M50H	M50 x 1,5	24	38,5	12	60	60	5
PN68M63H	M63 x 1,5	35	48	12	70	70	5

METRIC THREAD with reduction sealing insert

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68M12HR	M12 x 1,5	1,5	5	8	15	15	50
PN68M16HR	M16 x 1,5	2	7	10	22	22	50
PN68M20HR	M20 x 1,5	3	9	10	24	24	50
PN68M25HR	M25 x 1,5	7	16	10	33	33	25
PN68M32HR	M32 x 1,5	11	21	10	42	42	20
PN68M40HR	M40 x 1,5	13	26	10	53	53	10
PN68M50HR	M50 x 1,5	17	31	12	60	60	5
PN68M63HR	M63 x 1,5	26	39	12	70	70	5

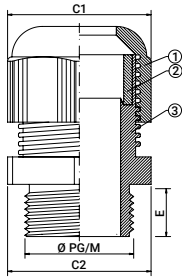
METRIC THREAD with long thread

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68M12HL	M12 x 1,5	2,5	6,5	15	15	15	50
PN68M16HL	M16 x 1,5	3,5	10	15	22	22	50
PN68M20HL	M20 x 1,5	5	12	15	24	24	50
PN68M25HL	M25 x 1,5	9	18	15	33	33	25
PN68M32HL	M32 x 1,5	14	25	15	42	42	20
PN68M40HL	M40 x 1,5	18	32	16	53	53	10
PN68M50HL	M50 x 1,5	24	38,5	16	60	60	5
PN68M63HL	M63 x 1,5	35	48	16	70	70	5

Available in black colour RAL9005: add N after the type.

POLYAMIDE PA6 CABLE GLANDS - IP68

High Performance



Degree of protection: IP68 - 5 bar
Material:
• ①/③ polyamide PA6 (self estinguished UL94-V2)
• ② sealing: neoprene 70 shore A
Opertating temperature: -40°C ÷ 100°C
Colour: grey RAL7035



PG

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68PG7H	PG7	2,5	6,5	8	15	15	50
PN68PG9H	PG9	2,5	8	8	19	19	50
PN68PG11H	PG11	3,5	10	8	22	22	50
PN68PG13H	PG13,5	5	12	9	24	24	50
PN68PG16H	PG16	7	14	10	27	27	50
PN68PG21H	PG21	9	18	11	33	33	25
PN68PG29H	PG29	14	25	11	42	42	20
PN68PG36H	PG36	18	32	13	53	53	10
PN68PG42H	PG42	24	38,5	13	60	60	5
PN68PG48H	PG48	35	48	14	70	70	5

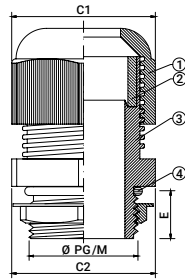
PG THREAD with reduction sealing insert

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68PG7HR	PG7	1,5	5	8	15	15	50
PN68PG9HR	PG9	1,5	6	8	19	19	50
PN68PG11HR	PG11	2	7	8	22	22	50
PN68PG13HR	PG13,5	3	9	9	24	24	50
PN68PG16HR	PG16	5	12	10	27	27	50
PN68PG21HR	PG21	7	16	11	33	33	25
PN68PG29HR	PG29	11	21	11	42	42	20
PN68PG36HR	PG36	13	26	13	53	53	10
PN68PG42HR	PG42	17	31	13	60	60	5
PN68PG48HR	PG48	26	39	14	70	70	5

Available in black colour RAL9005: add N after the type



POLYAMIDE 6.6 CABLE GLANDS - IP68 with locknut



Degree of protection: IP68
Material:
• ①/③ polyamide PA66 (self extinguished UL94-V2)
• ② sealing: nitrile rubber NBR 70 shore A
• ④ o-ring: nitrile rubber NBR 70 shore A
Operating temperature: -40°C ÷ 90°C
Colour: grey RAL7035



METRIC THREAD

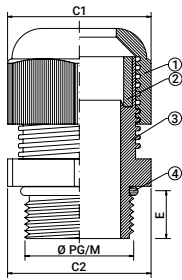
Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68M12D	M12 x 1,5	3	6,5	9	16	16	10/100
PN68M16D	M16 x 1,5	4	8	9	19	19	10/100
PN68M20D	M20 x 1,5	6	11	10	24	24	10/50
PN68M25D	M25 x 1,5	11	18	12	33	33	10/50
PN68M32D	M32 x 1,5	16	21	12	36	36	10/50
PN68M40D	M40 x 1,5	20	27	15	45	45	5/25
PN68M50D	M50 x 1,5	28	38	18	60	60	5/25
PN68M63D	M63 x 1,5	37	43	18	68	68	5

PG

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68PG7D	PG7	3	6,5	9	16	16	10/100
PN68PG9D	PG9	4	8	9	19	19	10/100
PN68PG11D	PG11	5	10	9	21	21	10/100
PN68PG13D	PG13,5	6	11	10	24	24	10/50
PN68PG16D	PG16	10	13	10	26	26	10/50
PN68PG21D	PG21	11	18	12	33	33	10/50
PN68PG29D	PG29	18	25	12	42	42	10/50
PN68PG36D	PG36	22	31	16	52	52	5/10
PN68PG42D	PG42	28	38	18	60	60	5
PN68PG48D	PG48	37	43	18	68	68	5



POLYAMIDE 6.6 CABLE GLANDS - IP68



Degree of protection: IP68
Material:
• ①/③ polyamide PA66 (self extinguished UL94-V2)
• ② sealing: nitrile rubber NBR 70 shore A
• ④ o-ring: nitrile rubber NBR 70 shore A
Operating temperature: -40°C ÷ 90°C
Colour: grey RAL7035



METRIC THREAD

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68M12	M12 x 1,5	3	6,5	9	16	16	50
PN68M16	M16 x 1,5	4	8	9	19	19	50
PN68M20	M20 x 1,5	6	11	10	24	24	50
PN68M25	M25 x 1,5	11	18	12	33	33	25
PN68M32	M32 x 1,5	16	21	12	36	36	20
PN68M40	M40 x 1,5	20	27	15	45	45	10
PN68M50	M50 x 1,5	28	38	18	60	60	5
PN68M63	M63 x 1,5	37	43	18	68	68	5

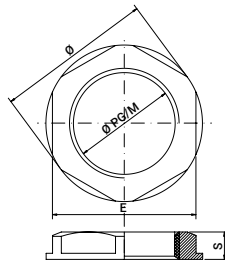
PG

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PN68PG7	PG7	3	6,5	9	16	16	50
PN68PG9	PG9	4	8	9	19	19	50
PN68PG11	PG11	5	10	9	21	21	50
PN68PG13	PG13,5	6	11	10	24	24	50
PN68PG16	PG16	10	13	10	26	26	50
PN68PG21	PG21	11	18	12	33	33	25
PN68PG29	PG29	18	25	12	42	42	20
PN68PG36	PG36	22	31	16	52	52	10
PN68PG42	PG42	28	38	18	60	60	5
PN68PG48	PG48	37	43	18	68	68	5

Available in black colour RAL9005: add N after the type



POLYAMIDE 6.6 LOCKNUT PG THREAD



Material:
•polyamide PA66 (self estinguished UL94-V2)
Opertating temperature: -40°C ÷ 90°C
Colour: grey 7035



METRIC THREAD

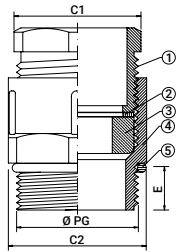
Type	Thread size	E	S	Ø	Pack
		[mm]	[mm]	[mm]	
DNM12	M12 x 1,5	17	5	19	100
DNM16	M16 x 1,5	22	5	26	100
DNM20	M20 x 1,5	26	6	29	100
DNM25	M25 x 1,5	33	6	36	100
DNM32	M32 x 1,5	41	7	45	50
DNM40	M40 x 1,5	49	7	53	25
DNM50	M50 x 1,5	60	9	67	25
DNM63	M63 x 1,5	74	9	81	10

PG

Type	Thread size	E	S	Ø	Pack
		[mm]	[mm]	[mm]	
DNPG7	PG7	19	5	21	100
DNPG9	PG9	22	5	24	100
DNPG11	PG11	24	5	26	100
DNPG13	PG13,5	27	6	30	100
DNPG16	PG16	30	6	33	100
DNPG21	PG21	36	7	39	50
DNPG29	PG29	46	7	50	50
DNPG36	PG36	56	8	62	25
DNPG42	PG42	65	8	72	25
DNPG48	PG48	69	9	76	10



POLYAMIDE 6.6 CABLE GLANDS PG THREAD - IP54

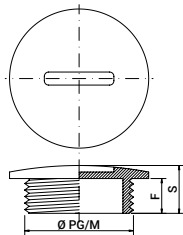


Degree of protection: IP54
Material:
•①/④ polyamide PA6.6 (self estinguished UL94-V2)
•③ sealing: Nitrile rubber NBR 70 shore A
•② trust ring: galvanized steel
•⑤ o-ring: nitrile rubber NBR 70 shore A
Opertating temperature: -40°C ÷ 90°C
Colour: grey RAL7035



Type	Thread size	Clamping range Ø [mm]		E	C1	C2	Pack
		min.	max.	[mm]	[mm]	[mm]	
PN54PG7	PG7	4,5	5,5	8	12	15	50
PN54PG9	PG9	5	6,5	8	16	19	50
PN54PG11	PG11	6	8,5	8	19	22	50
PN54PG13	PG13,5	8,5	10	9	21	24	50
PN54PG16	PG16	10,5	13	11	22	27	50
PN54PG21	PG21	11	16	11	29	32	25
PN54PG29	PG29	20	25	11	39	42	10
PN54PG36	PG36	26	31	13	49	52	10
PN54PG42	PG42	35	39	13	54	59	5
PN54PG48	PG48	40	44	14	59	65	5

POLYAMIDE PA6.6 THREADED PLUGS



Material:
•polyamide+glassfiber (self estinguished UL94 V2)
Opertating temperature: -30°C ÷ 120°C
Colour: grey RAL7035



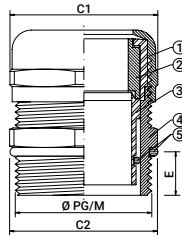
METRIC / METRIC THREAD

Type	Thread size	Ø	F	S	Pack
		[mm]	[mm]	[mm]	
TNM12	M12 x 1,5	16,0	6,0	8,0	100
TNM16	M16 x 1,5	20,0	6,0	8,0	100
TNM20	M20 x 1,5	26,0	8,0	10,5	100
TNM25	M25 x 1,5	32,0	8,0	11,0	100
TNM32	M32 x 1,5	40,0	10,0	13,5	40
TNM40	M40 x 1,5	48,0	10,0	14,0	20
TNM50	M50 x 1,5	55,0	12,0	17,0	20
TNM63	M63 x 1,5	70,0	12,0	18,0	10

PG

Type	Thread size	Ø	F	S	Pack
		[mm]	[mm]	[mm]	
TNPG7	PG7	15,0	6,0	8,0	100
TNPG9	PG9	19,0	6,0	9,0	100
TNPG11	PG11	22,0	6,0	9,0	100
TNPG13	PG13,5	25,0	6,0	9,5	100
TNPG16	PG16	27,0	6,0	9,5	100
TNPG21	PG21	33,0	8,0	11,0	50
TNPG29	PG29	44,0	8,0	12,0	50
TNPG36	PG36	55,0	10,0	15,0	25
TNPG42	PG42	62,0	10,0	16,0	10
TNPG48	PG48	69,0	12,0	18,5	10

BRASS CABLE GLANDS NICKEL PLATED - IP68



Degree of protection: IP68
Material:
•①/④ nickel-plated brass
•② sealing: nitrile rubber NBR 70 shore A
•③ clamping shell: polyamide PA6.6
•⑤ o-ring: Nitrile rubber NBR 70 shore A
Opertating temperature: -40°C ÷ 100°C



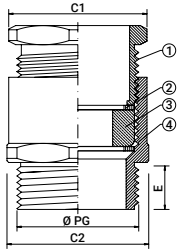
METRIC THREAD

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PO68M12	M12 x 1,5	3	6,5	6	14	14	50
PO68M16	M16 x 1,5	4	8	7	18	18	50
PO68M20	M20 x 1,5	7	11	8	22	22	50
PO68M25	M25 x 1,5	9	15	9	24	27	50
PO68M32	M32 x 1,5	15	20	11	34	34	25
PO68M40	M40 x 1,5	20	26	12	45	45	10
PO68M50	M50 x 1,5	30	37	10	58	58	5
PO68M63	M63 x 1,5	34	44	13	64	68	5

PG

Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PO68PG7	PG7	3	6,5	6	14	14	100
PO68PG9	PG9	4	8	7	18	18	50
PO68PG11	PG11	6,5	9	8	20	20	50
PO68PG13	PG13,5	7	11	9	22	22	50
PO68PG16	PG16	9	15	9	24	24	50
PO68PG21	PG21	11	17	9	30	30	50
PO68PG29	PG29	18	24	10	40	40	25
PO68PG36	PG36	24	32	10	50	50	10
PO68PG42	PG42	30	37	14	58	58	5
PO68PG48	PG48	34	44	12	64	64	5

BRASS CABLE GLANDS NICKEL PLATED PG THREAD - IP54

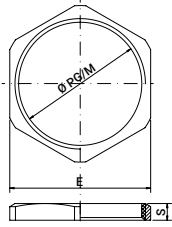


Degree of protection: IP54
Material:
• ①/④ nickel-plated brass
• ③ sealing: nitrile rubber NBR 70 shore A
• ② trust rings: galvanized steel
Operating temperature: -40°C ÷ 100°C



Type	Thread size	Clamping range Ø [mm]		E [mm]	C1 [mm]	C2 [mm]	Pack
		min.	max.				
PO54PG7	PG7	5	7	5	13	14	100
PO54PG9	PG9	6	8	6	15	17	50
PO54PG11	PG11	8	10	6	18	20	50
PO54PG13	PG13,5	10	12	6,5	20	22	50
PO54PG16	PG16	12	14	6,5	22	24	25
PO54PG21	PG21	15	17	7	28	30	25
PO54PG29	PG29	24	26	8	37	40	10
PO54PG36	PG36	31	33	9	47	50	10
PO54PG42	PG42	39	41	10	54	57	5
PO54PG48	PG48	44	46	10	60	64	5

NICKEL-PLATED BRASS LOCKNUTS



Material:
• nickel-plated brass
Operating temperature: -40°C ÷ 100°C



METRIC THREAD				
Type	Thread size	E	S	Pack
		[mm]	[mm]	
DOM12	M12 x 1,5	15	3	100
DOM16	M16 x 1,5	19	2,8	100
DOM20	M20 x 1,5	24	3,5	100
DOM25	M25 x 1,5	30	3,5	50
DOM32	M32 x 1,5	35	4,5	20
DOM40	M40 x 1,5	45	4,5	10
DOM50	M50 x 1,5	55	5,5	10
DOM63	M63 x 1,5	70	6	5

PG

Type	Thread size	E	S	Pack
		[mm]	[mm]	
DOPG7	PG7	15	2,9	100
DOTPG9	PG9	18	2,9	100
DOTPG11	PG11	21	2,9	100
DOTPG13	PG13,5	23	3,1	100
DOTPG16	PG16	26	3,1	100
DOTPG21	PG21	32	3,6	100
DOTPG29	PG29	41	4,1	100
DOTPG36	PG36	51	5,1	10
DOTPG42	PG42	60	5,1	10
DOTPG48	PG48	64	5,6	10

GENERAL INFO

Recommended tightening torques

Nominal size „M“	12	16	20	25	32	40	50	63
High performance	1	1,5	2,6	4	4,5	14	14	14
Polyamide	1,5	2	3,5	3,5	3,5	7,5	10	12
Nickel-plated brass	3	5	6	6	7	9	12	12

Nominal size „PG“	7	9	11	13	16	21	29	36	42	48
High performance	1	1,5	2,6	2,6	2,6	4	4,5	14	14	14
Polyamide	1,5	2	2	3,5	3,5	3,5	3,5	7,5	10	12
Nickel-plated brass	3	5	6	6	6	7	9	9	12	12

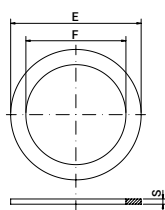
Recommended installation clearance holes

Nominal size „M“	12	16	20	25	32	40	50	63
Clearance Ø in mm	12	16	20	25	32	40,1	50,1	63,1

Nominal size „PG“	7	9	11	13	16	21	29	36	42	48
Clearance Ø in mm	12,8	15,5	18,8	20,9	22,8	28,6	37,4	47,2	54,2	59,5



FLAT SEALING



Material:
•neoprene 70 shore A
Operating temperature: -40°C ÷ 100°C

METRIC / METRIC THREAD

Type	Thread size	E [mm]	F [mm]	S [mm]	Pack
GPAM12	M12 x 1,5	15,0	10,0	1,2	100
GPAM16	M16 x 1,5	20,0	13,9	1,2	100
GPAM20	M20 x 1,5	24,0	18,0	1,2	100
GPAM25	M25 x 1,5	30,0	23,0	1,2	100
GPAM32	M32 x 1,5	40,0	30,0	1,5	100
GPAM40	M40 x 1,5	48,0	38,0	1,5	100
GPAM50	M50 x 1,5	58,0	48,0	1,5	100
GPAM63	M63 x 1,5	75,0	61,0	1,5	100

PG

Type	Thread size	E [mm]	F [mm]	S [mm]	Pack
GPAPG7	PG7	17,0	11,3	1,2	100
GPAPG9	PG9	20,0	13,9	1,2	100
GPAPG11	PG11	23,0	17,1	1,2	100
GPAPG13	PG13,5	25,0	19,0	1,2	100
GPAPG16	PG16	27,0	21,0	1,2	100
GPAPG21	PG21	34,0	26,6	1,5	100
GPAPG29	PG29	45,0	35,2	1,5	100
GPAPG36	PG36	56,0	45,2	1,5	100
GPAPG42	PG42	67,0	52,2	1,5	100
GPAPG48	PG48	72,0	57,7	1,5	100