

AG SERIES

HIGH WATER PROTECTION CABLE GLAND

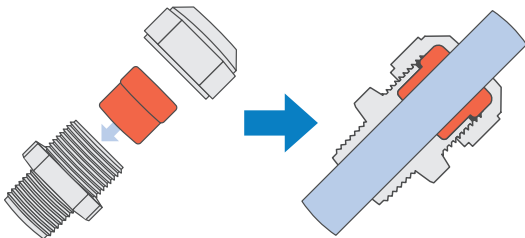


- High water protection IP68 (1bar / 30min) polyamide cable gland.
- Wide selection, for M8 ~ M50, suitable for $\Phi 2.5\text{mm} \sim \Phi 42\text{ mm}$ cable.
- Super tough and superior heat resistant PA6GF (glass fiber filled PA6) material on cap and connector.
- Safer halogen free, eco-friendly product.

Technical Data
Protection class: IP68 1bar / 30min
Operating temperature: -20°C ~ +100°C
Compliant with EN50262 Ver. A

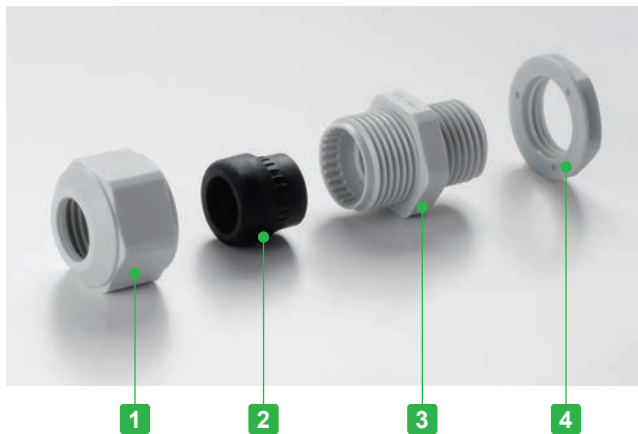
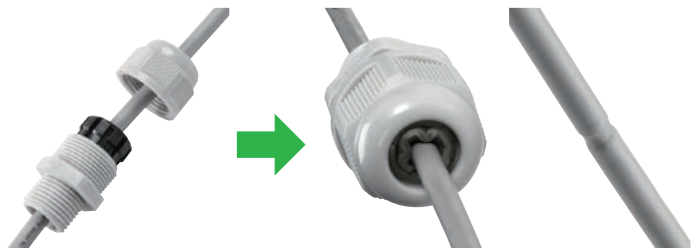
AG Series

Thicker sealing insert evenly hold a cable by having a larger holding area.
Remains durable even after repeated tightening / loosening.



Lamellar insert type

If over-tightened, it can cause the rubber bush or cable to deform, which can allow water to seep in.



Components

■ PA = Polyamide

No.	Part name	Material
1	Cap	PA6GF
2	Sealing insert	TPE
3	Connector	PA6GF
4	Lock nut	PA6

■ Lock nut is not included for M8 and M10 sizes.
Please drill a proper thread hole into the enclosure for installation.

- Proper tightening torque varies by each cable diameter.
Tighten the cap until top of the sealing insert forms a small bead between the cap and the cable.

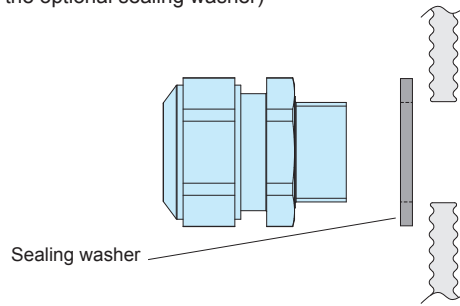


■ No optional sealing washer is required when installing on an even surface because of the built-in waterproof rib.

Waterproof rib

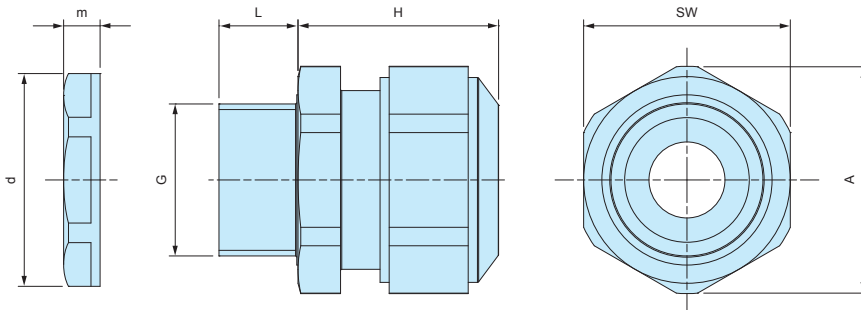


■ An optional sealing washer is required when installing on an uneven surface. (See website for more information on the optional sealing washer)



AG dimensions

■ DXF/DWG/PDF drawings available on our website.



■ Lock nut is not included for M8 and M10 sizes. Please drill a proper thread hole into the enclosure for installation.

Product no. / Dimensions

Product no.		G		Cable range		L	H Max	SW	A	d	m	Pack of
● Black	● Light gray	Thread size	Mounting hole	Min	Max							
AG8-3.5B	AG8-3.5S	M8×1.0	—	2.5	3.5	10	17	12	13.2	—	—	1
AG8-5B	AG8-5S	M8×1.0	—	3.5	4.7	10	17	12	13.2	—	—	1
AG10-6B	AG10-6S	M10×1.0	—	4	6	10	19	15	16.5	—	—	1
AG12-5B	AG12-5S	M12×1.5	Φ12.2	3.5	4.7	12	23.5	17	18.7	18.8	5	1
AG12-6.5B	AG12-6.5S	M12×1.5	Φ12.2	5	6.5	12	23	17	18.7	18.8	5	1
AG12-8B	AG12-8S	M12×1.5	Φ12.2	6.5	7.8	12	23	17	18.7	18.8	5	1
AG16-10B	AG16-10S	M16×1.5	Φ16.2	8	10	12	26	21	23.1	24.3	5	1
AG20-15B	AG20-15S	M20×1.5	Φ20.2	11	15	13	27	27	29.7	29	6	1
AG25-16B	AG25-16S	M25×1.5	Φ25.2	12.5	16	13	34	34	37.4	36	6.7	1
AG25-20B	AG25-20S	M25×1.5	Φ25.2	16	20	13	34	34	37.4	36	6.7	1
AG32-25.5B	AG32-25.5S	M32×1.5	Φ32.3	21	25.5	15	36	41	45.6	46	8	1
AG40-28.5B	AG40-28.5S	M40×1.5	Φ40.3	24	28.5	15	41	50	55.4	53.5	9	1
AG40-33B	AG40-33S	M40×1.5	Φ40.3	28.5	33	15	41	50	55.4	53.5	9	1
AG50-37B	AG50-37S	M50×1.5	Φ50.4	33	37	16	45	60	65.5	66	9.6	1
AG50-42B	AG50-42S	M50×1.5	Φ50.4	37	42	16	45	60	65.5	66	9.6	1
AG8-3.5B-P	AG8-3.5S-P	M8×1.0	—	2.5	3.5	10	17	12	13.2	—	—	50
AG8-5B-P	AG8-5S-P	M8×1.0	—	3.5	4.7	10	17	12	13.2	—	—	50
AG10-6B-P	AG10-6S-P	M10×1.0	—	4	6	10	19	15	16.5	—	—	50
AG12-5B-P	AG12-5S-P	M12×1.5	Φ12.2	3.5	4.7	12	23.5	17	18.7	18.8	5	50
AG12-6.5B-P	AG12-6.5S-P	M12×1.5	Φ12.2	5	6.5	12	23	17	18.7	18.8	5	50
AG12-8B-P	AG12-8S-P	M12×1.5	Φ12.2	6.5	7.8	12	23	17	18.7	18.8	5	50
AG16-10B-P	AG16-10S-P	M16×1.5	Φ16.2	8	10	12	26	21	23.1	24.3	5	50
AG20-15B-P	AG20-15S-P	M20×1.5	Φ20.2	11	15	13	27	27	29.7	29	6	50
AG25-16B-P	AG25-16S-P	M25×1.5	Φ25.2	12.5	16	13	34	34	37.4	36	6.7	25
AG25-20B-P	AG25-20S-P	M25×1.5	Φ25.2	16	20	13	34	34	37.4	36	6.7	25