

EX - C A B L E G L A N D S

Plastic version for Zone 1

Cable glands with metric screw-in threads are now standard and replace the PG cable glands that were normally used.

The PG cable glands are still available as spare parts and for the upgrading of already installed apparatus.

The new CEAG plastic cable glands are in accordance with EN 50 019 and can be used in Ex-e/Ex-i housings in hazardous explosive areas of the Zones 1 and 2.

Optional and not used cable glands must be closed with certified blanking plugs. The blanking plugs allow for a flexible and cost effective utilization of the explosion-protected appliances. Changes and upgrades can be then easily carried out at a later date.

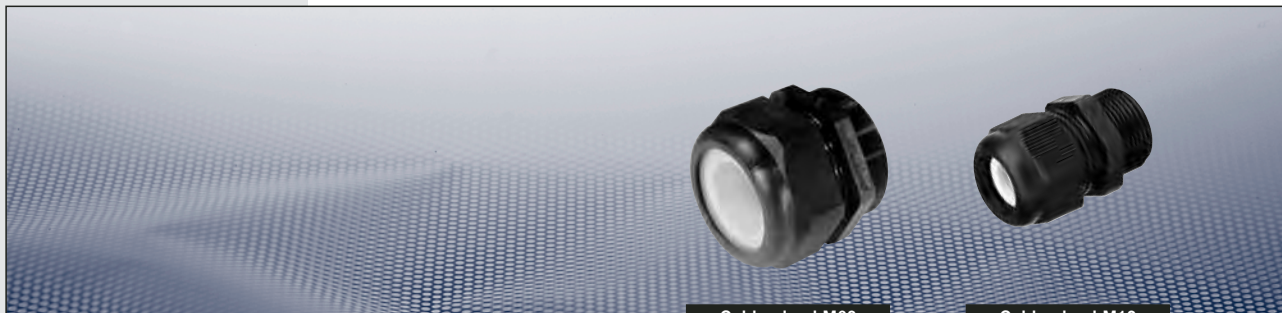
The outstanding feature of the CEAG cable glands is the large cable connection area. A high IP safety standard is achieved with the integrated sealing lip on the screw-in cable entries. The good mechanical and handling features are achieved by using a modified Polyamide material and a grippy tooling area.

International approvals

- Large cable connection area
- Hand tightening – only a low torque needed
- Safety standard IP 66
- Optimized grippy tooling area
- Trapezoid thread, for a secure hold

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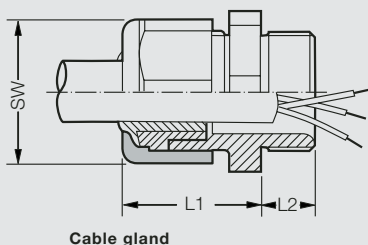
Cable gland M63

Cable gland M12

EX - C A B L E G L A N D S

Plastic | Ex-e Design |

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Cable gland

Technical data

Ex-e cable gland

Marking to 94/9/EC	Ex II 2 G Ex II 2 D IP 66
Type of protection	EEx e II
EC-Type Examination Certificate	M12-M16 PTB 99 ATEX 3101 X M20-M63 PTB 99 ATEX 3128 X
Degree of EN 60529	IP 66
Material	Polyamide

Ordering details Ex-e cable glands with screw-in thread acc. to DIN 46319

Thread	Cable Ø mm	SW mm	L1 mm	L2 mm	Weight approx. kg	OU	Order No.
M12 x 1.5	4 - 7	15	19.3	8	0.003	20	GHG 960 1955 R 0001
M16 x 1.5	5.5 - 10	20	23.0	8	0.006	20	GHG 960 1955 R 0002
M20 x 1.5	5.5 - 13	24	25.0	8	0.009	20	GHG 960 1955 R 0003
M25 x 1.5	8 - 17	29	29.5	8	0.017	20	GHG 960 1955 R 0004
M32 x 1.5	12 - 21	36	35.5	10	0.026	20	GHG 960 1955 R 0005

Ordering details Ex-e cable glands with long screw-in thread

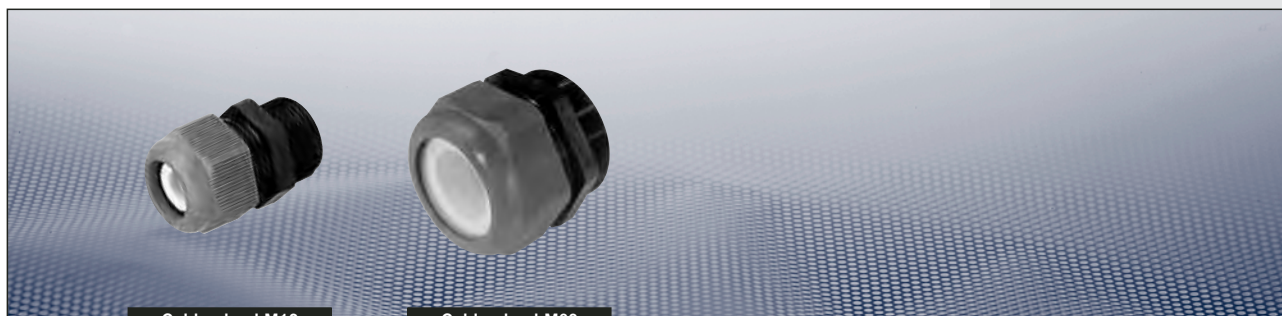
Thread	Cable Ø mm	SW mm	L1 mm	L2 mm	Weight approx. kg	OU	Order No.
M12 x 1.5	4 - 7	15	19.3	12	0.003	20	GHG 960 1955 R 0021
M16 x 1.5	5.5 - 10	20	23.0	12	0.007	20	GHG 960 1955 R 0022
M20 x 1.5	5.5 - 13	24	25.0	13	0.010	20	GHG 960 1955 R 0023
M25 x 1.5	8 - 17	29	29.5	13	0.018	20	GHG 960 1955 R 0024
M32 x 1.5	12 - 21	36	35.5	15	0.029	20	GHG 960 1955 R 0025
M40 x 1.5	17 - 28	46	39.5	15	0.046	10	GHG 960 1955 R 0026
M50 x 1.5	22 - 35	55	44.0	16	0.073	10	GHG 960 1955 R 0027
M63 x 1.5	27 - 48	68	47.0	16	0.116	5	GHG 960 1955 R 0028

Cable glands with PG-thread are available on request.

The order No. will show 1 pcs.

Please pay attention to that only order units (OU) according to the ordering details can be delivered





Cable gland M12

Cable gland M63

5.116

E X - C A B L E G L A N D S

| Ex-i Design | Plastic |

Technical data

Ex-i cable gland

Marking to 94/9/EC	Ex II 2 G Ex II 2 D IP 66
Type of protection	EEx e II
EC-Type Examination Certificate	M12-M16 PTB 99 ATEX 3101 X M20-M63 PTB 99 ATEX 3128 X
Degree of EN 60529	IP 66
Material	Polyamide

Ordering details Ex-i cable glands with screw-in thread acc. to DIN 46319

Thread	Cable Ø mm	SW mm	L1 mm	L2 mm	Weight approx. kg	OU	Order No.
M12 x 1.5	4 - 7	15	19.3	8	0.003	20	GHG 960 1955 R0101
M16 x 1.5	5.5 - 10	20	23.0	8	0.006	20	GHG 960 1955 R0102
M20 x 1.5	5.5 - 13	24	25.0	8	0.009	20	GHG 960 1955 R0103
M25 x 1.5	8 - 17	29	29.5	8	0.017	20	GHG 960 1955 R0104
M32 x 1.5	12 - 21	36	35.5	10	0.026	20	GHG 960 1955 R0105

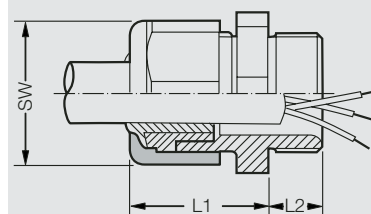
Ordering details Ex-i cable glands with long screw-in thread

Thread	Cable Ø mm	SW mm	L1 mm	L2 mm	Weight approx. kg	OU	Order No.
M12 x 1.5	4 - 7	15	19.3	12	0.003	20	GHG 960 1955 R0121
M16 x 1.5	5.5 - 10	20	23.0	12	0.007	20	GHG 960 1955 R0122
M20 x 1.5	5.5 - 13	24	25.0	13	0.010	20	GHG 960 1955 R0123
M25 x 1.5	8 - 17	29	29.5	13	0.018	20	GHG 960 1955 R0124
M32 x 1.5	12 - 21	36	35.5	15	0.029	20	GHG 960 1955 R0125
M40 x 1.5	17 - 28	46	39.5	15	0.046	10	GHG 960 1955 R0126
M50 x 1.5	22 - 35	55	44.0	16	0.073	10	GHG 960 1955 R0127
M63 x 1.5	27 - 48	68	47.0	16	0.116	5	GHG 960 1955 R0128

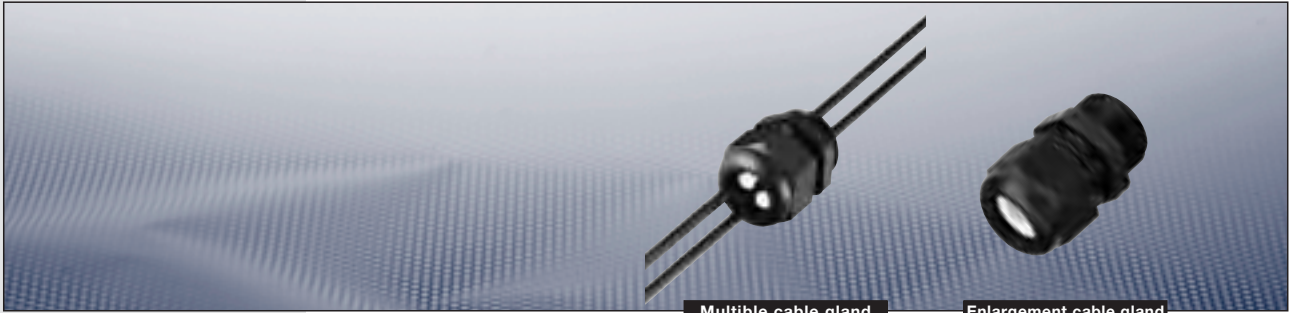
Cable glands with PG-thread are available on request.

The order No. will show 1 pcs.

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Cable gland



Multiple cable gland

Enlargement cable gland

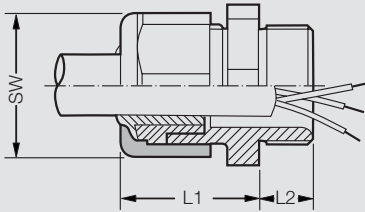
E X - C A B L E G L A N D S

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| Enlargement- and multiple cable gland |

Technical data	
Enlargement- and multiple cable gland	
Marking to 94/9/EC	Ⓔ II 2 G Ⓔ II 2 D*
Type of protection	EEx e II
EC-Type Examination Certificate	M12-M16: PTB 99 ATEX 3101 X M20-M63: PTB 99 ATEX 3128 X
Degree of EN 60529	IP 66
Material	Polyamide

*applied for



Cable gland

Ordering details enlargement cable glands

Thread	Cable Ø mm	SW mm	L 1 mm	L 2 mm	Weight approx. kg	OU	Order No.
M16/M20	5,5 - 13	24	25.0	12	0.010	20	GHG 960 1956 R0002
M20/M25	8 - 17	29	29.5	13	0.018	20	GHG 960 1956 R0003
M25/M32	12 - 21	36	35.5	13	0.029	20	GHG 960 1956 R0004
M32/M40	16 - 28	46	39.5	15	0.046	10	GHG 960 1956 R0005
M40/M50	21 - 35	55	44.0	15	0.073	10	GHG 960 1956 R0006
M50/M63	27 - 48	68	47.0	16	0.116	5	GHG 960 1956 R0007

Ordering details multiple cable glands

Thread	Cable Ø mm	SW mm	L 1 mm	L 2 mm	Weight approx. kg	OU	Order No.
M25 x 1.5	2 x 4.5 - 7	29	29.5	8	0.340	20	GHG 960 1955 R0054
M32 x 1.5	4 x 4.5 - 7	36	35.5	10	0.540	20	GHG 960 1955 R0055

The order No. will show 1 pcs.

Please pay attention to that only order units (OU) according to the ordering details can be delivered

