



ADE 6FC



ADE 6F



ADE 4F/5F



ADE 1F2

Technical data

Ex e cable glands metal ADE ...

Marking accd. to 2014/34/EU	⊕ II 2 G Ex db eb IIC / ⊕ II 2 D Ex tb IIIC
EC-Type Examination Certificate	INERIS 12 ATEX 0032X
IECEx Certificate of Conformity	IECEx INE 12.0025X
Marking accd. to IECEx	Ex db eb IIC / Ex tb IIIC / Ex e II / Ex tD
Permissible ambient temperature	ADE 1/4/5...: -60 °C to +140 °C ADE 1/6 FC...: -60 °C to +80 °C
Degree of protection accd. to EN 60529	IP66 / IP68 - 10 bar
Thread	ISO-thread accd. ISO 965/1, ISO 965R and EN 60423
Enclosure material	Nickel-plated brass (CuZn gal. Ni), stainless steel, bronze, natural brass option

## Ex-cable glands ADE 4F



ADE 4F ISO

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### Ordering details

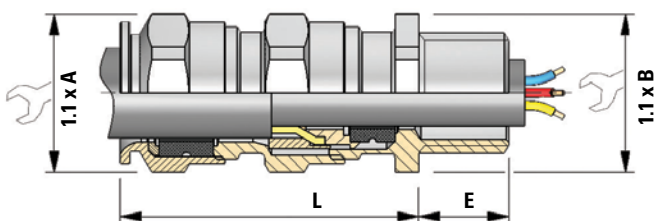
ISO	Type	Cable Ø inside mm	Cable Ø outside mm	A mm	B mm	E mm	L mm	Order No. CuZn gal. Ni	Order No. stainless steel
<b>Cable gland type ADE 4F for armoured cable with ISO thread</b>									
M12 x 1.5	5	4.5 - 8.5	7.0 - 12	19	19	15	36	<b>CAP 846 404 V1</b>	<b>CAP 846 409 V1</b>
M16 x 1.5	5	4.5 - 8.5	7.0 - 12	19	19	15	36	<b>CAP 846 594 V1</b>	<b>CAP 846 599 V1</b>
M16 x 1.5	6	7.0 - 12	10 - 16	19	24	15	36	<b>CAP 846 504 V1</b>	<b>CAP 846 509 V1</b>
M20 x 1.5	5	4.5 - 8.5	7.0 - 12	19	24	15	36	<b>CAP 846 674 V1</b>	<b>CAP 846 679 V1</b>
M20 x 1.5	6	7.0 - 12	10 - 16	24	24	15	42	<b>CAP 846 694 V1</b>	<b>CAP 846 699 V1</b>
M20 x 1.5	7	10 - 16	13.5 - 21	30	30	15	46	<b>CAP 846 604 V1</b>	<b>CAP 846 609 V1</b>
M25 x 1.5	6	7.0 - 12	10 - 16	24	30	15	42	<b>CAP 846 774 V1</b>	<b>CAP 846 779 V1</b>
M25 x 1.5	7	10 - 16	13.5 - 21	30	30	15	46	<b>CAP 846 794 V1</b>	<b>CAP 846 799 V1</b>
M25 x 1.5	8	13.5 - 21	18 - 27.5	41	41	15	56	<b>CAP 846 704 V1</b>	<b>CAP 846 709 V1</b>
M32 x 1.5	8	13.5 - 21	18 - 27.5	41	41	15	56	<b>CAP 846 894 V1</b>	<b>CAP 846 899 V1</b>
M32 x 1.5	9	18 - 27.5	23 - 34	48	48	15	63	<b>CAP 846 804 V1</b>	<b>CAP 846 809 V1</b>
M40 x 1.5	9	18 - 27.5	23 - 34	48	48	15	63	<b>CAP 846 994 V1</b>	<b>CAP 846 999 V1</b>
M40 x 1.5	10	23 - 34	29 - 41	55	55	15	68	<b>CAP 846 904 V1</b>	<b>CAP 846 909 V1</b>
M50 x 1.5	10	23 - 34	29 - 41	55	55	16	68	<b>CAP 847 094 V1</b>	<b>CAP 847 099 V1</b>
M50 x 1.5	11	29 - 41	35 - 48	64	64	16	74	<b>CAP 847 004 V1</b>	<b>CAP 847 009 V1</b>
M63 x 1.5	12	35 - 48	42 - 56	72	72	17	77	<b>CAP 847 294 V1</b>	<b>CAP 847 299 V1</b>
M63 x 1.5	13	42 - 56	50 - 65	85	85	17	85	<b>CAP 847 204 V1</b>	<b>CAP 847 209 V1</b>
M75 x 1.5	13	42 - 56	50 - 65	85	85	18	85	<b>CAP 847 394 V1</b>	<b>CAP 847 399 V1</b>
M75 x 1.5	14	50 - 65	58 - 74	95	95	18	92	<b>CAP 847 304 V1</b>	<b>CAP 847 309 V1</b>
M80 x 2.0	14	50 - 65	58 - 74	95	95	20	92	<b>CAP 847 494 V1</b>	<b>CAP 847 499 V1</b>
M80 x 2.0	15	58 - 74	66 - 83	110	110	20	104	<b>CAP 847 404 V1</b>	<b>CAP 847 409 V1</b>
M90 x 2.0	15	58 - 74	66 - 83	110	110	22	104	<b>CAP 847 594 V1</b>	<b>CAP 847 599 V1</b>
M90 x 2.0	16	66 - 83	75 - 93	120	120	22	108	<b>CAP 847 504 V1</b>	<b>CAP 847 509 V1</b>
M90 x 2.0	17	75 - 93	85 - 104	135	120	22	108	<b>CAP 847 574 V1</b>	<b>CAP 847 579 V1</b>

Please use sealing washers (see page 2.3.28).

For cable gland kits with washer and lock nut please add "K1" at the end of the order No.

Example: **CAP 846 804 V1 K1** contains a **ADE 4F M32 x 1.5 type 9** + **1 x MsNi lock nut M32** + **1 x green fibre gasket for M32**

### Dimension drawing



Type ADE 4F

Dimensions in mm



ADE 4F NPT

Ordering details

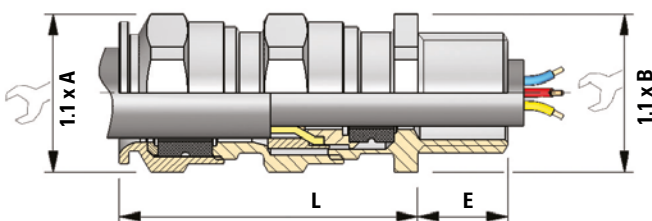
NPT	Type	Cable Ø inside mm	Cable Ø outside mm	A mm	B mm	E mm	L mm	Order No. CuZn gal. Ni	Order No. stainless steel
<b>Cable gland type ADE 4F for armoured cable with NPT thread</b>									
1/4"	5	4.5 - 8.5	7.0 - 12	19	19	12	36	<b>CAP 848 404 V1</b>	<b>CAP 848 409 V1</b>
3/8"	5	4.5 - 8.5	7.0 - 12	19	19	12	36	<b>CAP 848 594 V1</b>	<b>CAP 848 599 V1</b>
3/8"	6	7.0 - 12	10 - 16	24	24	12	42	<b>CAP 848 504 V1</b>	<b>CAP 848 509 V1</b>
1/2"	5	4.5 - 8.5	7.0 - 12	19	24	16	36	<b>CAP 848 674 V1</b>	<b>CAP 848 679 V1</b>
1/2"	6	7.0 - 12	10 - 16	24	24	16	42	<b>CAP 848 694 V1</b>	<b>CAP 848 699 V1</b>
1/2"	7	10 - 16	13.5 - 21	30	30	16	46	<b>CAP 848 604 V1</b>	<b>CAP 848 609 V1</b>
3/4"	6	7.0 - 12	10 - 16	24	30	16	42	<b>CAP 848 774 V1</b>	<b>CAP 848 779 V1</b>
3/4"	7	10 - 16	13.5 - 21	30	30	16	46	<b>CAP 848 794 V1</b>	<b>CAP 848 799 V1</b>
3/4"	8	13.5 - 21	18 - 27.5	41	41	16	56	<b>CAP 848 704 V1</b>	<b>CAP 848 709 V1</b>
1"	8	13.5 - 21	18 - 27.5	41	41	20	46	<b>CAP 848 894 V1</b>	<b>CAP 848 899 V1</b>
1"	9	18 - 27.5	23 - 34	48	48	20	63	<b>CAP 848 804 V1</b>	<b>CAP 848 809 V1</b>
1 1/4"	9	18 - 27.5	23 - 34	48	48	20	63	<b>CAP 848 994 V1</b>	<b>CAP 848 999 V1</b>
1 1/4"	10	23 - 34	29 - 41	55	55	20	68	<b>CAP 848 904 V1</b>	<b>CAP 848 909 V1</b>
1 1/2"	10	23 - 34	29 - 41	55	55	20	68	<b>CAP 849 094 V1</b>	<b>CAP 849 099 V1</b>
1 1/2"	11	29 - 41	35 - 48	64	64	20	74	<b>CAP 849 004 V1</b>	<b>CAP 849 009 V1</b>
2"	12	35 - 48	42 - 56	72	72	20	77	<b>CAP 849 294 V1</b>	<b>CAP 849 299 V1</b>
2"	13	42 - 56	50 - 65	85	85	20	85	<b>CAP 849 204 V1</b>	<b>CAP 849 209 V1</b>
2 1/2"	13	42 - 56	50 - 65	85	85	28	85	<b>CAP 849 494 V1</b>	<b>CAP 849 499 V1</b>
2 1/2"	14	50 - 65	58 - 74	95	95	28	92	<b>CAP 849 404 V1</b>	<b>CAP 849 409 V1</b>
3"	15	58 - 74	66 - 83	110	110	30	104	<b>CAP 849 594 V1</b>	<b>CAP 849 599 V1</b>
3"	16	66 - 83	75 - 93	120	120	30	108	<b>CAP 849 504 V1</b>	<b>CAP 849 509 V1</b>

Please use sealing washers (see page 2.3.28).

For cable gland kits with washer and lock nut please add "K1" at the end of the order No.

Example: **CAP 848 994 V1 K1** contains a **ADE 4F -1 1/4"** type 9 + 1 x MsNi lock nut 1 1/4" + 1 x green fibre gasket for 1 1/4"

Dimension drawing



Type ADE 4F

Dimensions in mm