



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 5F



ADE 5F ISO

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### Ordering details

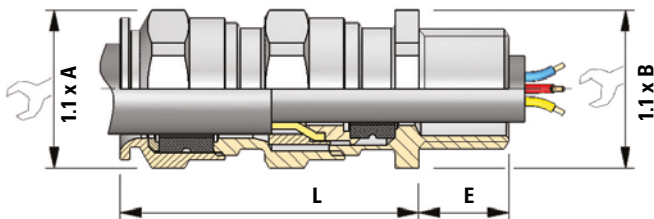
ISO	Type	Cable Ø inside mm	Cable Ø outside mm	A mm	B mm	E mm	L mm	Order No. CuZn gal. Ni	Order No. stainless steel
<b>Cable gland type ADE 5F for armoured cable with ISO thread</b>									
M12 x 1.5	5	4.5 - 8.0	7.0 - 12	19	19	15	36	<b>CAP 846 404 V1</b>	<b>CAP 846 409 V1</b>
M16 x 1.5	5	4.5 - 8.0	7.0 - 12	19	19	15	36	<b>CAP 846 594 V1</b>	<b>CAP 846 599 V1</b>
M20 x 1.5	5	4.5 - 8.0	10 - 16	19	24	15	36	<b>CAP 846 504 V1</b>	<b>CAP 846 509 V1</b>
M16 x 1.5	6	7.0 - 12.0	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 - 12.0	10 - 16	24	24	15	42	<b>CAP 846 694 V1</b>	<b>CAP 846 699 V1</b>
M25 x 1.5	6	7.0 - 12.0	13.5 - 21	30	30	15	46	<b>CAP 846 604 V1</b>	<b>CAP 846 609 V1</b>
M20 x 1.5	7	10.0 - 15.5	10 - 16	24	30	15	42	<b>CAP 846 774 V1</b>	<b>CAP 846 779 V1</b>
M25 x 1.5	7	10.0 - 15.5	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 - 20.5	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 - 21.0	18 - 27.5	41	41	15	56	<b>CAP 846 894 V1</b>	<b>CAP 846 899 V1</b>
M32 x 1.5	9	18.0 - 26.0	23 - 34	48	48	15	63	<b>CAP 846 804 V1</b>	<b>CAP 846 809 V1</b>
M40 x 1.5	9	18.0 - 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	23.0 - 34.0	29 - 41	55	55	15	68	<b>CAP 846 904 V1</b>	<b>CAP 846 909 V1</b>
M50 x 1.5	10	23.0 - 34.0	29 - 41	55	55	16	68	<b>CAP 847 094 V1</b>	<b>CAP 847 099 V1</b>
M50 x 1.5	11	29.0 - 41.0	35 - 48	64	64	16	74	<b>CAP 847 004 V1</b>	<b>CAP 847 009 V1</b>
M63 x 1.5	12	35.0 - 48.0	42 - 56	72	72	17	77	<b>CAP 847 294 V1</b>	<b>CAP 847 299 V1</b>
M63 x 1.5	13	42.0 - 53.0	50 - 65	85	85	17	85	<b>CAP 847 204 V1</b>	<b>CAP 847 209 V1</b>
M75 x 1.5	13	42.0 - 56.0	50 - 65	85	85	18	85	<b>CAP 847 394 V1</b>	<b>CAP 847 399 V1</b>
M75 x 1.5	14	50.0 - 62.5	58 - 74	95	95	18	92	<b>CAP 847 304 V1</b>	<b>CAP 847 309 V1</b>
M90 x 2	15	58.0 - 74.0	58 - 74	95	95	20	92	<b>CAP 847 494 V1</b>	<b>CAP 847 499 V1</b>
M90 x 2	16	66.0 - 78.0	66 - 83	110	110	20	104	<b>CAP 847 404 V1</b>	<b>CAP 847 409 V1</b>
M110 x 2	17	75.0 - 93.0	66 - 83	110	110	22	104	<b>CAP 847 594 V1</b>	<b>CAP 847 599 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 5F

Dimensions in mm



ADE 5F NPT

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## Ordering details

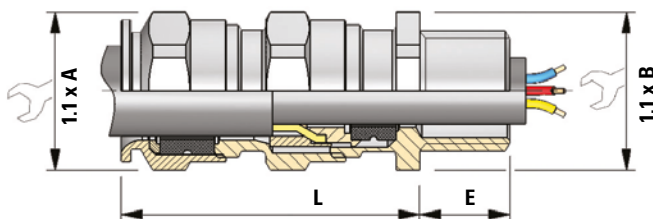
NPT	Type	Cable Ø inside mm	Cable Ø outside mm	A mm	B mm	E mm	L mm	Order No. CuZn gal. Ni	Order No. stainless steel
<b>Cable gland type ADE 4F for armoured cable with NPT thread</b>									
3/8"NPT	5	4.5 - 8.0	7.0 - 12.0	19	19	16.6	38.4	<b>CAP 858 594 V1</b>	<b>CAP 858 599 V1</b>
1/2"NPT	5	4.5 - 8.0	7.0 - 12.0	19	24	22.2	32.8	<b>CAP 858 674 V1</b>	<b>CAP 858 679 V1</b>
3/8"NPT	6	7.0 - 12.0	10.0 - 16.0	24	24	16.6	40.4	<b>CAP 858 504 V1</b>	<b>CAP 858 509 V1</b>
1/2"NPT	6	7.0 - 12.0	10.0 - 16.0	24	24	22.2	34.8	<b>CAP 858 694 V1</b>	<b>CAP 858 699 V1</b>
3/4"NPT	6	7.0 - 12.0	10.0 - 16.0	24	30	22.5	34.5	<b>CAP 858 774 V1</b>	<b>CAP 858 779 V1</b>
1/2"NPT	7	10.0 - 15.5	13.5 - 21.0	30	30	22.2	41.8	<b>CAP 858 604 V1</b>	<b>CAP 858 609 V1</b>
3/4"NPT	7	10.0 - 15.5	13.5 - 21.0	30	30	22.5	41.5	<b>CAP 858 794 V1</b>	<b>CAP 858 799 V1</b>
3/4"NPT	8	13.5 - 20.5	18.0 - 27.5	41	41	22.5	52.5	<b>CAP 858 704 V1</b>	<b>CAP 858 709 V1</b>
1"NPT	8	13.5 - 21.0	18.0 - 27.5	41	41	27.3	47.7	<b>CAP 858 894 V1</b>	<b>CAP 858 899 V1</b>
1"NPT	9	18.0 - 26.0	23.0 - 34.0	48	48	27.3	55.7	<b>CAP 858 804 V1</b>	<b>CAP 858 809 V1</b>
1 1/4"NPT	9	18.0 - 27.5	23.0 - 34.0	48	48	28.0	55	<b>CAP 858 994 V1</b>	<b>CAP 858 999 V1</b>
1 1/4"NPT	10	23.0 - 34.0	29.0 - 41.0	55	55	28.0	62	<b>CAP 858 904 V1</b>	<b>CAP 858 909 V1</b>
1 1/2"NPT	10	23.0 - 34.0	29.0 - 41.0	55	55	28.5	61.5	<b>CAP 859 094 V1</b>	<b>CAP 859 099 V1</b>
1 1/2"NPT	11	29.0 - 41.0	35.0 - 48.0	64	64	28.5	70.5	<b>CAP 859 004 V1</b>	<b>CAP 859 009 V1</b>
2"NPT	12	35.0 - 48.0	42.0 - 56.0	72	72	29.2	78.8	<b>CAP 859 294 V1</b>	<b>CAP 859 299 V1</b>
2"NPT	13	42.0 - 53.0	50.0 - 65.0	85	85	29.2	90.8	<b>CAP 859 204 V1</b>	<b>CAP 859 209 V1</b>
2 1/2"NPT	13	42.0 - 56.0	50.0 - 65.0	85	85	42.5	77.5	<b>CAP 859 494 V1</b>	<b>CAP 859 499 V1</b>
2 1/2"NPT	14	50.0 - 62.5	58.0 - 74.0	95	95	42.5	85.5	<b>CAP 859 404 V1</b>	<b>CAP 859 409 V1</b>
3"NPT	15	66.0 - 78.0	75.0 - 93.0	120	120	44.0	116	<b>CAP 859 594 V1</b>	<b>CAP 859 599 V1</b>
3"NPT	16	58.0 - 74.0	66.0 - 83.0	110	110	44.0	106	<b>CAP 859 504 V1</b>	<b>CAP 859 509 V1</b>
3 1/2"NPT	16	66.0 - 83.0	85.0 - 104.0	135	135	45.2	126.8	<b>CAP 859 604 V1</b>	<b>CAP 859 609 V1</b>
4"NPT	17	75.0 - 93.0	85.0 - 104.0	135	135	46.5	125.5	<b>CAP 859 704 V1</b>	<b>CAP 859 709 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 858 994 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 5F