
 TECHNICAL DATA SHEET

ABB cable glands – C4 series

Ex d e non-armoured barrier cable gland



ATEX/IECEX metallic cable glands for non-armoured cable with a compound barrier seal for Ex d and Ex e applications

Certifications / Standards:


ATEX: CESI14ATEX032X

IECEX: IECEX CES 14.0013X

CNEX: CNEX15.1690X

DNV: TAE00000Y3

Features & Benefits:

- Compound barrier inner seal with outer compression seal
- Good corrosion resistance
- Captive internal parts

Applications:

- Suitable for Ex d Ex e and Ex tb applications
- Gas zones 1, 2 and dust zones 21, 22
- Control panels and junction boxes
- Light fixture & housings
- Power distribution
- Machine building
- Suitable for cable types:
 - Circular non-armoured

Material:

- Nickel plated brass or stainless steel 316L
- Chloroprene or silicone seals

Environmental ratings:
Working Temperature:

- Normal use: -60°C to +100°C (-76°F to 212°F)

Ingress protection:

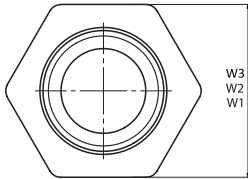
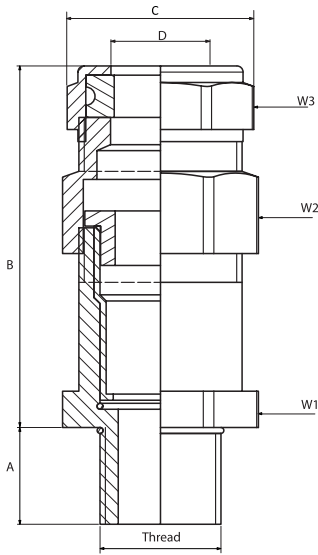
- IP66

Chemical resistance guide:

- See publication TDS000081

Conforms to:

- EN/IEC: 60079-0, 60079-1, 60079-7, 60079-34, 62444
- Ex II 2 GD
- Ex e IIC Gb
- Ex tb IIIC Db
- ATEX Directive: 2014/34/EU
- RoHS (Restriction of Hazardous Substances Directive) 2011/65/EU Incorporating 2015/863 amendment to Annex II
- WEEE (Waste Electrical & Electronic Equipment Directive) 2002/96/EC
- LVD (Low Voltage Directive) 2014/35/EU



Product selection									
Part no:	Standard size (metric)	Cable range Ø					Nominal dimensions		
		Inner Min. (mm/in)	Outer Min. (mm/in)	A	B	C	W1	W2	W3
EXN04MC4	M20x1.5	8.5	16.0	16.0	62.0	33.0	30.0	30.0	29.0
		0.335	0.630	0.630	2.440	1.299	1.181	1.181	1.142
EXN05MC4	M25x1.5	16.0	21.0	16.0	62.8	37.0	34.0	34.0	34.0
		0.630	0.827	0.630	2.472	1.456	1.338	1.338	1.338
EXN06MC4	M32x1.5	16.0	26.0	16.0	68.5	45.0	42.0	42.0	40.0
		0.630	1.024	0.630	2.460	1.771	1.653	1.653	1.574
EXN07MC4	M40x1.5	29.0	41.0	16.0	75.1	66.0	50.0	60.0	60.0
		1.142	1.614	0.630	2.956	2.598	1.968	2.362	2.362
EXN08MC4	M50x1.5	33.0	48.0	16.0	82.7	77.0	60.0	70.0	75.0
		1.299	1.890	0.630	3.255	3.031	2.362	2.755	2.952
EXN09MC4	M63x1.5	36.0	52.0	16.0	96.0	77.0	70.0	70.0	74.0
		1.417	2.047	0.630	3.779	3.031	2.755	2.755	2.913

* For Stainless Steel version use EXS e.g. EXS03MSC4

** Silicone seals available upon request subject to minimum order quantities

Product must be installed in accordance with applicable national and local electrical codes.

Product selection									
Part no:	Standard size (NPT)	Cable range Ø					Nominal dimensions		
		Inner Min. (mm/in)	Outer Min. (mm/in)	A	B	C	W1	W2	W3
EXN04AC4	1/2"	8.5	16.0	21.0	62.0	33.0	30.0	30.0	30.0
		0.335	0.630	0.826	2.440	1.299	1.181	1.181	1.181
EXN05AC4	3/4"	16.0	21.0	21.0	62.8	37.0	34.0	34.0	34.0
		0.630	0.827	0.826	2.472	1.456	1.338	1.338	1.338
EXN06AC4	1"	16.0	26.0	26.0	68.5	45.0	42.0	42.0	40.0
		0.630	1.024	1.023	2.460	1.771	1.653	1.653	1.574
EXN07AC4	1 1/4"	29.0	41.0	28.0	75.1	66.0	50.0	60.0	60.0
		1.142	1.614	1.102	2.956	2.598	1.968	2.362	2.362
EXN08AC4	1 1/2"	33.0	48.0	28.0	82.7	77.0	60.0	70.0	75.0
		1.299	1.890	1.102	3.255	3.031	2.362	2.755	2.952
EXN09AC4	2"	36.0	52.0	28.0	96.0	77.0	70.0	70.0	74.0
		1.417	2.047	1.102	3.779	3.031	2.755	2.755	2.913

* For Stainless Steel version use EXS e.g. EXS03MSC4

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