

Anaconda IECEx-ATEX, BNA, IP 66 / 68, nickel plated brass



ANACONDA IECEx-ATEX BARRIER CABLE-HOSE FITTING TYPE BNA AND BAA, NICKEL PLATED BRASS

Type BNA IECEx-ATEX approved nickel plated brass barrier cable-hose fittings are designed for use with Anaconda Sealtite liquid tight conduits to connect and protect a single unarmoured cable (single core or multicore) in a potentially explosive atmosphere. The barrier is made by mixing a 2 component epoxy resin component which is supplied standard with each individual fitting. A special designed connection set enables the fitting to be used also with the Anaconda Multiflex range of uncovered conduits. Typical applications include connections on motors, transformers, control equipment, Ex enclosures, terminal boxes and components in the chemical and petrochemical, oil and gas, food, pharma, wood processing and bulk handling industries. Also available in a version for armoured cable type BAA (see pages 7 -27 till 7 - 28). In case a 45° or 90° solution is needed it is possible to use the IECEx-ATEX Anaconda adapter type BNC / BAC in combination with a 45° or 90° Anaconda nickel plated brass swivel fitting.

Material & Construction:

Construction: Nickel plated brass fitting, consisting of 9 parts (counter nut, clamping ring, ferrule, intermediate housing, double pressure ring, sealing rubber, barrier container and body). Separately, a 2 component epoxy resin is supplied for creating the barrier.

Material: Counter nut, intermediate housing, pressure rings, barrier container and body are nickel plated brass, ferrule is from galvanized steel, sealing rubber is from EPDM, clamping ring is from PA6. Also

available in stainless steel AISI-316. Fittings are fully RoHS compliant.

Temperature: -40 °C till +100 °C continuous. With silicone sealing rubber -60 °C till +150 °C continuous.

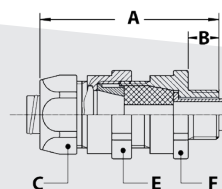
Protection class: IP 67 on the conduit and standard IP 68 between body and switchbox, with a flat seal between body and switchbox IP 68.

Colour: Metal coloured.

For unarmoured cable, IECEx-ATEX certified and marked;

⚠ RCN (type) (thread size) IECEx INE 10.0010X Ex d/e I Mb IIC Gb Ex tb IIIC Db
 Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

BNA, ISO, IECEx-ATEX barrier cable-hose fitting, nickel plated brass, EPDM and epoxy seal (-40 °C till +100 °C)



THREAD ISO	SEALTITE SIZE (INCH)	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
M16 x 1,5	5/16"	4 - 7	71	15	26	25	24	10	822.106.0	10,8
M20 x 1,5	5/16"	4 - 7	71	15	26	25	24	10	822.107.0	10,8
M16 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.110.0	10,8
M16 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.111.0	10,8
M20 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.108.0	10,8
M20 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.109.0	10,8
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.112.0	17,8
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.113.0	17,8
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.114.0	17,8
M25 x 1,5	3/4"	10,5 - 13	74	15	35	36	35	5	822.115.0	21,6
M25 x 1,5	3/4"	13 - 15,5	74	15	35	36	35	5	822.118.0	21,6
M25 x 1,5	3/4"	15,5 - 18	74	15	35	36	35	5	822.119.0	21,6
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.123.0	38
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.124.0	38
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.125.0	38
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.129.0	45,1
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.130.0	45,1
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.131.0	45,1

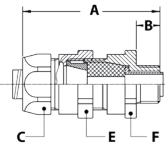
ANACONDA IECEX-ATEX, BNA, IP 66 / 68, NICKEL PLATED BRASS

For unarmoured cable, IECEX-ATEX certified and marked;

▲ RCN (type) (thread size) IECEX INE 10.0010X Ex d/e I Mb IIC Gb Ex tb IIIC Db

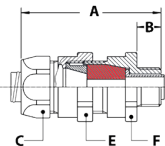
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

BNA, NPT, IECEX-ATEX barrier cable-hose fitting, nickel plated brass,
EPDM and epoxy seal (-40 °C till +100 °C)



THREAD NPT	SEALTITE SIZE (INCH)	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	5/16"	4 - 7	74	18	26	25	24	10	824.108.0	10,8
NPT 1/2"	3/8"	4 - 7	74	18	26	25	24	10	824.110.0	10,8
NPT 1/2"	3/8"	7 - 10	74	18	26	25	24	10	824.111.0	10,8
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.112.0	17,8
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.113.0	17,8
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.114.0	17,8
NPT 3/4"	3/4"	10,5 - 13	77	18	35	36	35	5	824.115.0	21,6
NPT 3/4"	3/4"	13 - 15,5	77	18	35	36	35	5	824.118.0	21,6
NPT 3/4"	3/4"	15,5 - 18	77	18	35	36	35	5	824.119.0	21,6
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.123.0	38
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.124.0	38
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.125.0	38

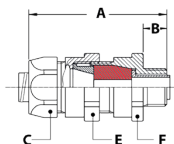
BNA, ISO, IECEX-ATEX barrier cable-hose fitting, nickel plated brass,
silicone and epoxy seal (-60 °C till +150 °C)



THREAD ISO	SEALTITE SIZE (INCH)	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	6 - 8	71	15	26	25	24	10	822.110.3	10,8
M16 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.111.3	10,8
M20 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.109.3	10,8
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.112.3	17,8
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M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.123.3	38
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.124.3	38
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.125.3	38
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.129.3	45,1
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BNA, NPT, IECEX-ATEX barrier cable-hose fitting, nickel plated brass, silicone and epoxy seal (-60 °C till +150 °C)



THREAD NPT	SEALTITE SIZE (INCH)	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	6 - 8	74	18	26	25	24	10	824.110.3	10,8
NPT 1/2"	3/8"	8 - 10	74	18	26	25	24	10	824.111.3	10,8
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.112.3	17,8
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.113.3	17,8
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.114.3	17,8
NPT 3/4"	3/4"	10,5 - 13	77	18	35	36	35	5	824.115.3	21,6
NPT 3/4"	3/4"	13 - 15,5	77	18	35	36	35	5	824.118.3	21,6
NPT 3/4"	3/4"	15,5 - 18	77	18	35	36	35	5	824.119.3	21,6
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.123.3	38
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.124.3	38
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.125.3	38