

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



ANACONDA IECEx-ATEX BARRIER FITTING, TYPE BXA, NICKEL PLATED BRASS

Type BXA IECEx-ATEX approved nickel plated brass barrier fittings are designed for use also with a Sealtite liquid tight conduit for loose wires and unarmoured cables (stripped) in a potentially explosive atmosphere. The barrier is made by mixing a 2 component epoxy resin which is supplied standard with each individual fitting. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and instruments in the chemical and petrochemical, oil and gas, bulk handling, wood processing and food and pharma industries. In case a 45° or 90° solution is needed it is possible to use the IECEx-ATEX barrier Anaconda swivel adapter type BXC in combination with a 45° or 90° Anaconda fitting.

Material & Construction:

Construction: Nickel plated brass fitting, consisting of 5 parts (counter nut, clamping ring, ferrule, barrier container and body). Separately, a 2 component epoxy resin is supplied for creating the barrier.

Material: Counter nut, ferrule, barrier container and body are nickel plated brass, clamping ring is PTFE, O-rings are silicone.

Also available in stainless steel AISI-316.

Fittings are fully RoHS compliant.

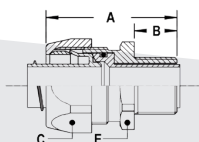
Temperature: -60 °C till +130 °C continuous.

Protection class: IP 67 on the conduit and IP 66 between body and switchbox. IP 68 can be obtained with a flat seal between body and switchbox.

Colour: Metal coloured.

For loose wires and unarmoured cables (stripped), IECEx-ATEX certified and marked;
 ⚠ RCN (type) (thread size) IECEx CES 15.0001X Ex db / eb I Mb IIC Gb Ex tb IIIC Db
 ⚡ CE 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68

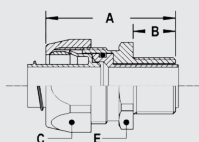
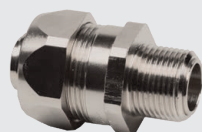
BXA, ISO, Explosion proof IECEx-ATEX barrier fitting, nickel plated brass, epoxy barrier type (-60 °C till +130 °C)



THREAD ISO	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	10,4	44	15	26	25	-	10	836.016.0*	8,5
M20 x 1,5	1/2"	13,8	46	15	30	28	-	10	836.020.0	11
M25 x 1,5	3/4"	18,5	47	15	35	34	-	5	836.025.0	14,9
M32 x 1,5	1"	23,8	48	15	45	43	-	5	836.032.0	24,6
M40 x 1,5	1.1/4"	31,9	53	15	55	52	-	2	836.040.0	36,7

* Size M16 - 3/8" is not admitted for Group I (Mining) applications.

BXA, NPT, Explosion proof IECEx-ATEX barrier fitting, nickel plated brass, epoxy barrier type (-60 °C till +130 °C)



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	10,4	49	20	26	25	-	10	837.012.0	10
NPT 1/2"	1/2"	13,8	51	20	30	28	-	10	837.016.0	12,1
NPT 3/4"	3/4"	18,5	53	21	35	34	-	5	837.020.0	15,7
NPT 1"	1"	23,8	58	25	45	43	-	5	837.026.0	27,7
NPT 1.1/4"	1.1/4"	31,9	64	26	55	52	-	2	837.035.0	41,3

Anaconda IECEx-ATEX, BXA-316, IP 66 / 68, stainless steel



ANACONDA IECEx-ATEX BARRIER FITTING, TYPE BXA-316, STAINLESS STEEL AISI-316

Type BXA-316 IECEx-ATEX approved stainless steel barrier fitting is designed for use also with a Sealrite liquid tight conduit for loose wires and unarmoured cables (stripped) in a potentially explosive atmosphere. The use of stainless steel AISI-316 material ensures resistance to corrosive chemicals. The barrier is formed by mixing a 2 component epoxy resin which is supplied standard with each individual fitting. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and components etc., in the chemical and petrochemical, oil and gas, bulk handling, wood processing and food and pharma industries. In case a 45° or 90° solution is needed it is possible to use the IECEx-ATEX barrier Anaconda swivel adapter, type BXC AISI-316, in combination with a 45° or 90° Anaconda fitting.

Material & Construction:

Construction: Stainless steel AISI-316 fitting, consisting of 5 parts (counter nut, clamping ring, ferrule, barrier container and body). Separately, a 2 component epoxy resin is supplied for creating the barrier.

Material: Counter nut and body are stainless steel AISI-316, the barrier container and ferrule are nickel plated brass and the clamping ring is from PTFE.

Fittings are fully RoHS compliant.

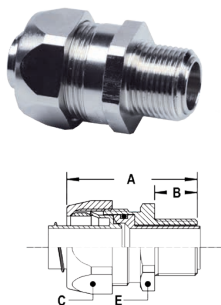
Temperature: -60 °C till +130 °C continuous.

Protection class: IP 67 on the conduit and IP 66 between body and switchbox. IP 68 can be obtained with a flat seal between body and switchbox.

Colour: Metal coloured.

For loose wires and unarmoured cables (stripped), IECEx-ATEX certified and marked;
 ⚠ RCN (type) (thread size) IECEx CES 15.0001X Ex db / eb I Mb IIC Gb Ex tb IIIC Db
 ⚡ CE 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68

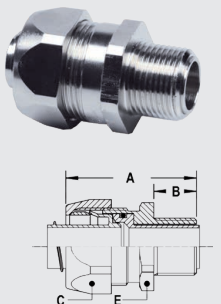
BXA-316, ISO, IECEx-ATEX barrier fitting, stainless steel AISI-316, epoxy barrier type (-60 °C till +130 °C)



THREAD ISO	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	10,4	44	15	26	25	-	10	836.016.9*	8
M20 x 1,5	1/2"	13,8	46	15	30	28	-	10	836.020.9	10,4
M25 x 1,5	3/4"	18,5	47	15	35	34	-	5	836.025.9	14
M32 x 1,5	1"	23,8	48	15	45	43	-	5	836.032.9	23,2
M40 x 1,5	1.1/4"	31,9	53	15	55	52	-	2	836.040.9	34,7

* Size M16 - 3/8" is not admitted for Group I (Mining) applications.

BXA-316, NPT, IECEx-ATEX barrier fitting, stainless steel AISI-316, epoxy barrier type (-60 °C till +130 °C)



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	10,4	49	20	26	25	-	10	837.012.9	9,4
NPT 1/2"	1/2"	13,8	51	20	30	28	-	10	837.016.9	11,5
NPT 3/4"	3/4"	18,5	53	21	35	34	-	5	837.020.9	14,9
NPT 1"	1"	23,8	58	25	45	43	-	5	837.026.9	26,1
NPT 1.1/4"	1.1/4"	31,9	64	26	55	52	-	2	837.035.9	39



Atex fittings





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