

# Adapter IECEx-ATEX, BXC, IP 66 / 68, nickel plated brass



## ANACONDA IECEx-ATEX SWIVEL BARRIER ADAPTER FITTING TYPE BXC, NICKEL PLATED BRASS

The type BXC IECEx-ATEX approved nickel plated barrier swivel adapter fitting, male one side, female other side, is developed for use with an Anaconda liquid tight flexible conduit for loose wires and unarmoured cables (stripped) when a 45° or 90° solution is needed. Connection with an Anaconda conduit is made through a standard male Anaconda fitting (45° or 90°) which is screwed into the female thread of the adapter. The barrier is made by mixing a 2 component epoxy resin supplied standard with each adapter. The BXC type can also be used to make a connection with a rigid metal conduit or other threaded connections. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and components etc., in the chemical and petrochemical, oil and gas, wood processing, bulk handling and food and pharma industries.

### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 4 parts (female body, swivel nut, barrier container and male body).

Separately, a 2 component epoxy resin is supplied for creating the barrier.

**Material:** Female body, swivel nut, barrier container and male body are nickel plated brass.

Also available in stainless steel AISI-316.



Fittings are fully RoHS compliant.

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

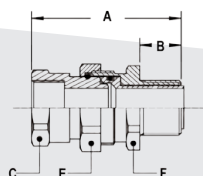
**Protection class:** IP 66 between body and switchbox.

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  
 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68

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



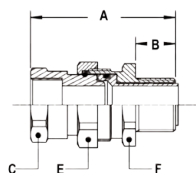
THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
M16 x 1,5	M16 x 1,5	10,4	63	15	22	26	25	10	836.116.0*	13
M20 x 1,5	M20 x 1,5	13,8	64	15	26	30	28	10	836.120.0	16,3
M25 x 1,5	M25 x 1,5	18,5	67	15	32	35	34	5	836.125.0	22,9
M32 x 1,5	M32 x 1,5	24,4	69	15	38	45	43	5	836.132.0	35,1
M40 x 1,5	M40 x 1,5	31,9	71	15	48	55	52	2	836.140.0	50,7
M50 x 1,5	M50 x 1,5	37,9	74	15	55	57	55	2	836.150.0	58,8

\* Size M16 - M16 is not permitted for Group I (Mining) applications.

Anaconda 45° and 90° fittings, nickel plated brass, for combination with adapter type BXC see chapter 5 of the general catalogue.

## ADAPTER IECEx-ATEX, BXC, IP 66 / 68, NICKEL PLATED BRASS

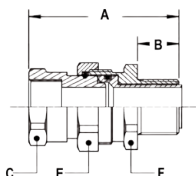
For loose wires and unarmoured cables (stripped), IECEx-ATEX certified and marked;  
 ⚠ RCN (type) (thread size) IECEx CES 15.0001X Ex db / eb I Mb IIC Gb Ex tb IIIC Db  
 ⚠ CE 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68



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



THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	NPT 1/2"	13,8	76	20	26	30	28	10	837.116.0	17,6
NPT 3/4"	NPT 3/4"	18,5	78	21	32	35	34	5	837.120.0	23,9
NPT 1"	NPT 1"	24,4	89	25	38	45	43	5	837.126.0	40,7
NPT 1.1/4"	NPT 1.1/4"	31,9	93	26	48	55	52	2	837.135.0	57,8
NPT 1.1/2"	NPT 1.1/2"	37,9	93	26	55	57	55	2	837.140.0	68,4



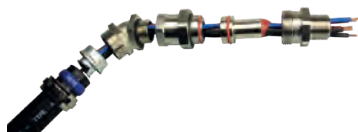
BXC, Pg, Explosion proof IECEx-ATEX swivel adapter fitting,  
 nickel plated brass, epoxy barrier type (-60 °C till +130 °C)



THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
Pg 13,5	M16 x 1,5	10,4	63	15	22	26	25	10	837.513.0	13,2
Pg 16	M20 x 1,5	13,8	64	15	26	30	28	10	837.516.0	14,6
Pg 21	M25 x 1,5	18,5	67	15	32	35	34	5	837.521.0	20,5
Pg 29	M32 x 1,5	24,4	69	15	38	45	43	5	837.529.0	29,5
Pg 36	M40 x 1,5	31,9	71	15	48	55	52	2	837.536.0	41,5

Anaconda 45° and 90° fittings, nickel plated brass, for combination with adapter  
 type BXC see chapter 5 of the general catalogue.

# Adapter IECEx-ATEX, BXC-316, IP 66 / 68, stainless steel



## ANACONDA IECEx-ATEX SWIVEL BARRIER ADAPTER FITTING TYPE BXC-316, STAINLESS STEEL AISI-316

Type BXC-316 IECEx-ATEX approved stainless steel barrier swivel adapter fittings, male one side, female other side, are designed for use with an Anaconda liquid tight flexible conduit for the protection of loose wires and unarmoured cables (stripped) when a 45° or 90° solution is needed. The use of stainless steel materials provides corrosion and chemical resistance in harsh environments. Connection with an Anaconda conduit is made with a standard male Anaconda fitting (45° or 90°) which is screwed into the female thread of the adapter. The barrier is made by mixing a 2 component epoxy resin supplied with each adapter. The BXC-316 type can also be used to make a connection with a rigid metal conduit or other threaded connections. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and components etc., in the chemical and petrochemical, oil and gas, wood processing, bulk handling and food and pharma industries.

### Material & Construction:

**Construction:** Stainless steel AISI-316 fitting, consisting of 4 parts (female body, swivel nut, barrier container and male body).

Separately, a 2 component epoxy resin is supplied for creating the barrier.



**Material:** Female body, swivel nut and male body are stainless steel AISI-316. The barrier container is nickel plated brass.

Fittings are fully RoHS compliant.

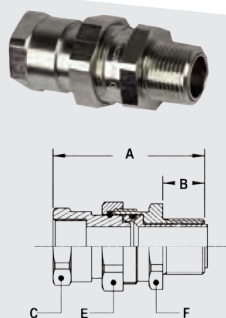
**Temperature:** -60 °C till +130 °C continuous.

**Protection class:** 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  
 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68

BXC-316, ISO, Explosion proof IECEx-ATEX swivel adapter fitting, stainless steel AISI-316, epoxy barrier type (-60 °C till +130 °C)



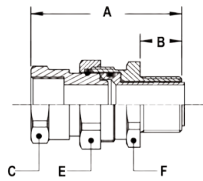
THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
A	B	C	E	F						
M16 x 1,5	M16 x 1,5	10,4	63	15	22	26	25	10	836.116.9*	12,2
M20 x 1,5	M20 x 1,5	13,8	64	15	26	30	28	10	836.120.9	15,4
M25 x 1,5	M25 x 1,5	18,5	67	15	32	35	34	5	836.125.9	21,6
M32 x 1,5	M32 x 1,5	24,4	69	15	38	45	43	5	836.132.9	33,1
M40 x 1,5	M40 x 1,5	31,9	71	15	48	55	52	2	836.140.9	47,4
M50 x 1,5	M50 x 1,5	37,9	74	15	55	57	55	2	836.150.9	55,5

\* Size M16 - M16 is not permitted for Group I (Mining) applications.

Anaconda 45° and 90° fittings, stainless steel, for combination with adapter type BXC-316 see chapter 5 of the general catalogue.

## ADAPTER IECEx-ATEX, BXC-316, IP 66 / 68, STAINLESS STEEL

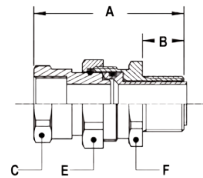
For loose wires and unarmoured cables (stripped), IECEx-ATEX certified and marked;  
 ⚠ RCN (type) (thread size) IECEx CES 15.0001X Ex db / eb I Mb IIC Gb Ex tb IIIC Db  
 ⚠ CE 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68



BXC-316, NPT, Explosion proof IECEx-ATEX swivel adapter fitting,  
 stainless steel AISI-316, epoxy barrier type (-60 °C till +130 °C)



THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
NPT 1/2"	NPT 1/2"	13,8	76	20	26	30	28	10	837.116.9	16,7
NPT 3/4"	NPT 3/4"	18,5	78	21	32	35	34	5	837.120.9	22,6
NPT 1"	NPT 1"	24,4	89	25	38	45	43	5	837.126.9	38,5
NPT 1.1/4"	NPT 1.1/4"	31,9	93	26	48	55	52	2	837.135.9	54,6
NPT 1.1/2"	NPT 1.1/2"	37,9	93	26	55	57	55	2	837.140.9	64,6



BXC-316, Pg, Explosion proof IECEx-ATEX swivel adapter fitting,  
 stainless steel AISI-316, epoxy barrier type (-60 °C till +130 °C)



THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	E	F			
Pg 13,5	M16 x 1,5	10,4	63	15	22	26	25	10	837.513.9	12,4
Pg 16	M20 x 1,5	13,8	64	15	26	30	28	10	837.516.9	13,6
Pg 21	M25 x 1,5	18,5	67	15	32	35	34	5	837.521.9	19,4
Pg 29	M32 x 1,5	24,4	69	15	38	45	43	5	837.529.9	27,9
Pg 36	M40 x 1,5	31,9	71	15	48	55	52	2	837.536.9	39,3

Anaconda 45° and 90° fittings, stainless steel, for combination with adapter  
 type BXC-316 see chapter 5 of the general catalogue.