

# Cable-gland IECEx-ATEX, BXN, IP 66 / 68, nickel plated brass



## ANAMET IECEx-ATEX BARRIER CABLE-GLAND TYPE BXN, NICKEL PLATED BRASS

Type BXN IECEx-ATEX approved barrier cable-glands are designed to secure 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 cable-gland and allowing it to cure. The cable-gland is suitable for use as a connection between an Exd and Exe enclosure as well as on control equipment, terminal boxes, instruments and devices in the chemical and petrochemical-industry, oil and gas, food, pharma, bulk handling and wood processing industries.

### Material & Construction:

**Construction:** Nickel plated brass gland, consisting of 4 parts (backnut, pressure ring, barrier container and male body). Separately, a 2 component epoxy resin is supplied for creating the barrier.

**Material:** Backnut, pressure ring, barrier container and male body are nickel plated brass. Also available in stainless steel AISI-316.

Glands are fully RoHS compliant.

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

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

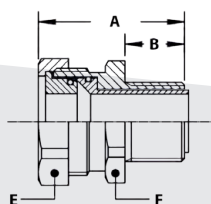
IP 68 can be obtained with a flat seal between body and switchbox.

**Colour:** Metal coloured.

For loose wires and unarmoured cables:

▲ 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

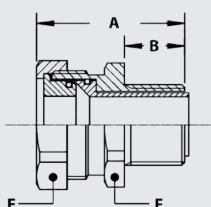
BXN, ISO, Explosion proof IECEx-ATEX barrier cable-gland, nickel plated brass, epoxy barrier type (-60 °C till +130°C)



THREAD OUTSIDE	THREAD INSIDE	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
M16 x 1,5	-	10,4	39	15	-	26	25	10	836.216.0*	8,4
M20 x 1,5	-	13,8	40	15	-	30	28	10	836.220.0	10,6
M25 x 1,5	-	18,5	41	15	-	35	34	5	836.225.0	14,7
M32 x 1,5	-	24,4	41	15	-	45	43	5	836.232.0	24,3
M40 x 1,5	-	31,9	42	15	-	55	52	2	836.240.0	33,7
M50 x 1,5	-	37,9	43	15	-	57	55	2	836.250.0	37,9

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

BXN, NPT, Explosion proof IECEx-ATEX barrier cable-gland, 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)
NPT 1/2"	-	13,8	45	20	-	30	28	10	837.216.0	11,5
NPT 3/4"	-	18,5	46	21	-	35	34	5	837.220.0	15,8
NPT 1"	-	24,4	51	25	-	45	43	5	837.226.0	28,4
NPT 1 1/4"	-	31,9	53	26	-	55	52	2	837.235.0	39,4
NPT 1 1/2"	-	37,9	54	26	-	57	55	2	837.240.0	45,8

# Cable-gland IECEx-ATEX, BXN-316, IP 66 / 68, stainless steel



## ANAMET IECEx-ATEX BARRIER CABLE-GLAND TYPE BXN-316, STAINLESS STEEL AISI-316

Type BXN-316 IECEx-ATEX approved barrier cable-glands are used to secure loose wires and unarmoured cables (stripped) in Exd and Exe applications. The barrier is made by mixing a 2 component epoxy resin supplied standard with the gland and allowing it to cure. The use of stainless steel materials ensures that the cable-gland resists corrosion and aggressive chemicals in harsh operating conditions. The cable-gland is suitable for use as a connection between an Exd and Exe enclosure as well as on control equipment, terminal boxes, instruments and devices in the chemical and petrochemical-industry, oil and gas, food, pharma, bulk handling and wood processing industries.

### Material & Construction:

**Construction:** Stainless steel gland, consisting of 4 parts (backnut, pressure ring, barrier container and male body).

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

**Material:** Backnut and male body are in stainless steel AISI-316, pressure ring and barrier container are nickel plated brass. Glands are fully



RoHS compliant.

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

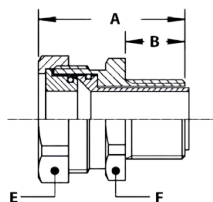
**Protection class:** IP 66 between body and switchbox.

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

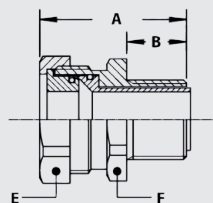
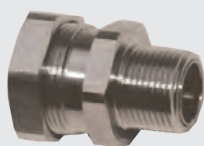
BXN-316, ISO, Explosion proof IECEx-ATEX barrier cable-gland, stainless steel AISI-316, epoxy barrier type (-60 °C till +130°C)



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	-	10,4	39	15	-	26	25	10	836.216.9*	7,9
M20 x 1,5	-	13,8	40	15	-	30	28	10	836.220.9	10,1
M25 x 1,5	-	18,5	41	15	-	35	34	5	836.225.9	13,8
M32 x 1,5	-	24,4	41	15	-	45	43	5	836.232.9	22,9
M40 x 1,5	-	31,9	42	15	-	55	52	2	836.240.9	31,8
M50 x 1,5	-	37,9	43	15	-	57	55	2	836.250.9	35,8

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

BXN-316, NPT, Explosion proof IECEx-ATEX barrier cable-gland, 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"	-	13,8	45	20	-	30	28	10	837.216.9	10,8
NPT 3/4"	-	18,5	46	21	-	35	34	5	837.220.9	14,9
NPT 1"	-	24,4	51	25	-	45	43	5	837.226.9	26,8
NPT 1 1/4"	-	31,9	53	26	-	55	52	2	837.235.9	37,2
NPT 1 1/2"	-	37,9	54	26	-	57	55	2	837.240.9	43,3