

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



## ANAMET IECEx-ATEX ADAPTER FITTING, TYPE RNC-316 AND RAC-316, STAINLESS STEEL AISI-316

Type RNC-316 IECEx-ATEX approved stainless steel adapter fitting, male one side, female other side, was originally developed to connect to threaded rigid conduit but can also be used with a flexible metal conduit to protect unarmoured cable in a potentially explosive atmosphere when a 45° or a 90° solution is needed. The use of stainless steel materials ensures good resistance to corrosion and chemicals in harsh environments. Connection to an Anaconda flexible conduit is made with a standard male 45°, 90°, swivel or fixed fitting which is screwed into the female thread of the adapter. Since RNA-316 cable-hose fittings are available upto 1.1/4", the RNC-316 1.1/2" to 3" adapter in combination with Anaconda stainless steel fittings can be used when larger sizes are required. 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. Also available in a version for armoured cable (type RAC-316, see pages 7 - 45 till 7 - 46). On demand the version with silicone seal for high temperatures is also available.

### Material & Construction:

**Construction:** Stainless steel AISI-316 fitting, consisting of 4 parts (female body, pressure ring, sealing rubber and male body).

**Material:** Female body and male body are stainless steel AISI-316, the pressure ring is nickel plated brass and sealing rubber is from EPDM.

**Temperature:** -40 °C till +100 °C continuous.  
With silicone sealing rubber -65 °C till +220 °C continuous.

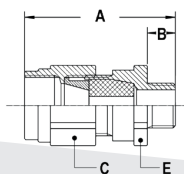
**Protection class:** Standard is IP 66, with a flat seal between body and switchbox IP 68.

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

RNC-316, ISO, IECEx-ATEX adapter fitting, stainless steel AISI-316, EPDM seal (-40 °C till +100 °C)



THREAD OUTER ISO	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M20 x 1,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.812.9	17,4
M20 x 1,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.813.9	17,4
M20 x 1,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.814.9	17,4
M25 x 1,5	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.815.9	20,6
M25 x 1,5	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.818.9	20,6
M25 x 1,5	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.819.9	20,6
M32 x 1,5	NPT 1"	15 - 18	76	15	45	-	42	5	297.823.9	35,6
M32 x 1,5	NPT 1"	18 - 21	76	15	45	-	42	5	297.824.9	35,6
M32 x 1,5	NPT 1"	21 - 24	76	15	45	-	42	5	297.825.9	35,6
M40 x 1,5	NPT 1.1/4"	21 - 24	79	15	50	-	48	2	297.829.9	43,1
M40 x 1,5	NPT 1.1/4"	24 - 27	79	15	50	-	48	2	297.830.9	43,1
M40 x 1,5	NPT 1.1/4"	27 - 30	79	15	50	-	48	2	297.831.9	43,1
M50 x 1,5	NPT 1.1/2"	30 - 33	79	15	57	-	55	2	297.843.9	56,8
M50 x 1,5	NPT 1.1/2"	33 - 36	79	15	57	-	55	2	297.844.9	56,8
M63 x 1,5	NPT 2"	36 - 39	80	15	68	-	68	2	297.851.9	78,4
M63 x 1,5	NPT 2"	39 - 42	80	15	68	-	68	2	297.852.9	78,4
M63 x 1,5	NPT 2"	42 - 45	80	15	68	-	68	2	297.853.9	78,4

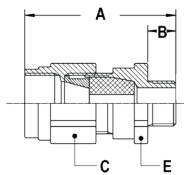
## ADAPTER IECEX-ATEX, RNC-316, IP 66 / 68, STAINLESS STEEL

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

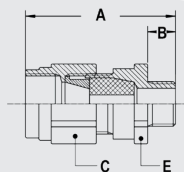
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

RNC-316, NPT, IECEX-ATEX adapter fitting, stainless steel AISI-316,  
EPDM seal (-40 °C till +100 °C)



THREAD OUTER NPT	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	NPT 1/2"	5,5 - 8	66	18	32	-	30	10	297.912.9	17,4
NPT 1/2"	NPT 1/2"	8 - 10,5	66	18	32	-	30	10	297.913.9	17,4
NPT 1/2"	NPT 1/2"	10,5 - 13	66	18	32	-	30	10	297.914.9	17,4
NPT 3/4"	NPT 3/4"	10,5 - 13	66	18	36	-	35	5	297.915.9	20,6
NPT 3/4"	NPT 3/4"	13 - 15,5	66	18	36	-	35	5	297.918.9	20,6
NPT 3/4"	NPT 3/4"	15,5 - 18	66	18	36	-	35	5	297.919.9	20,6
NPT 1"	NPT 1"	15 - 18	83	22	45	-	42	5	297.923.9	35,6
NPT 1"	NPT 1"	18 - 21	83	22	45	-	42	5	297.924.9	35,6
NPT 1"	NPT 1"	21 - 24	83	22	45	-	42	5	297.925.9	35,6
NPT 1.1/4"	NPT 1.1/4"	21 - 24	86	22	50	-	48	2	297.929.9	43,1
NPT 1.1/4"	NPT 1.1/4"	24 - 27	86	22	50	-	48	2	297.930.9	43,1
NPT 1.1/4"	NPT 1.1/4"	27 - 30	86	22	50	-	48	2	297.931.9	43,1
NPT 1.1/2"	NPT 1.1/2"	30 - 33	88	24	57	-	55	2	297.943.9	56,8
NPT 1.1/2"	NPT 1.1/2"	33 - 36	88	24	57	-	55	2	297.944.9	56,8
NPT 2"	NPT 2"	36 - 39	89	24	68	-	68	2	297.951.9	78,4
NPT 2"	NPT 2"	39 - 42	89	24	68	-	68	2	297.952.9	78,4
NPT 2"	NPT 2"	42 - 45	89	24	68	-	68	2	297.953.9	78,4
NPT 2.1/2"	NPT 2.1/2"	45 - 48	104	28	80	-	80	1	297.954.9	112,4
NPT 2.1/2"	NPT 2.1/2"	48 - 51	104	28	80	-	80	1	297.955.9	112,4
NPT 2.1/2"	NPT 2.1/2"	51 - 54	104	28	80	-	80	1	297.956.9	112,4
NPT 3"	NPT 3"	54 - 58	111	28	102	-	100	1	297.957.9	223,5
NPT 3"	NPT 3"	58 - 62	111	28	102	-	100	1	297.958.9	223,5

RNC-316, Pg, IECEX-ATEX adapter fitting, stainless steel AISI-316,  
EPDM seal (-40 °C till +100 °C)



THREAD OUTER PG	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
Pg 11	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.611.9	17,4
Pg 13,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.612.9	17,4
Pg 13,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.613.9	17,4
Pg 13,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.614.9	17,4
Pg 16	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.615.9	20,6
Pg 16	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.618.9	20,6
Pg 16	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.619.9	20,6
Pg 21	NPT 1"	15 - 18	76	15	45	-	42	5	297.623.9	35,6
Pg 21	NPT 1"	18 - 21	76	15	45	-	42	5	297.624.9	35,6
Pg 21	NPT 1"	21 - 24	76	15	45	-	42	5	297.625.9	35,6
Pg 29	NPT 1.1/4"	21 - 24	81	17	50	-	48	2	297.629.9	43,1
Pg 29	NPT 1.1/4"	24 - 27	81	17	50	-	48	2	297.630.9	43,1
Pg 29	NPT 1.1/4"	27 - 30	81	17	50	-	48	2	297.631.9	43,1
Pg 36	NPT 1.1/2"	30 - 33	81	17	57	-	55	2	297.643.9	56,8
Pg 36	NPT 1.1/2"	33 - 36	81	17	57	-	55	2	297.644.9	56,8
Pg 48	NPT 2"	36 - 39	83	18	68	-	68	2	297.651.9	78,4
Pg 48	NPT 2"	39 - 42	83	18	68	-	68	2	297.652.9	78,4
Pg 48	NPT 2"	42 - 45	83	18	68	-	68	2	297.653.9	78,4