

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

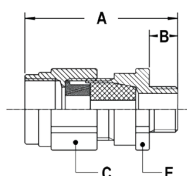


For armoured cable, IECEx-ATEX certified and marked;

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

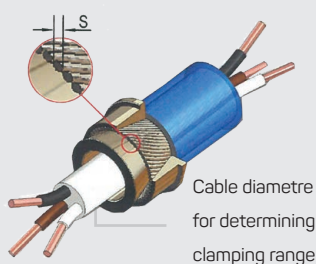
⚡ CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

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



| THREAD<br>OUTER ISO | THREAD<br>INNER NPT | CLAMPING<br>RANGE (MM) | DIMENSIONS IN MM |    |     |   |     | STANDARD<br>PACKAGE | ARTICLE<br>NUMBER | WEIGHT<br>(KG/100) |
|---------------------|---------------------|------------------------|------------------|----|-----|---|-----|---------------------|-------------------|--------------------|
|                     |                     |                        | A                | B  | C   | D | E   |                     |                   |                    |
| M20 x 1,5           | NPT 1/2"            | 5,5 - 8                | 63               | 15 | 32  | - | 30  | 10                  | 839.812.9         | 17,4               |
| M20 x 1,5           | NPT 1/2"            | 8 - 10,5               | 63               | 15 | 32  | - | 30  | 10                  | 839.813.9         | 17,4               |
| M20 x 1,5           | NPT 1/2"            | 10,5 - 13              | 63               | 15 | 32  | - | 30  | 10                  | 839.814.9         | 17,4               |
| M25 x 1,5           | NPT 3/4"            | 10,5 - 13              | 63               | 15 | 36  | - | 35  | 5                   | 839.815.9         | 20,6               |
| M25 x 1,5           | NPT 3/4"            | 13 - 15,5              | 63               | 15 | 36  | - | 35  | 5                   | 839.818.9         | 20,6               |
| M25 x 1,5           | NPT 3/4"            | 15,5 - 18              | 63               | 15 | 36  | - | 35  | 5                   | 839.819.9         | 20,6               |
| M32 x 1,5           | NPT 1"              | 15 - 18                | 76               | 15 | 45  | - | 42  | 5                   | 839.823.9         | 35,6               |
| M32 x 1,5           | NPT 1"              | 18 - 21                | 76               | 15 | 45  | - | 42  | 5                   | 839.824.9         | 35,6               |
| M32 x 1,5           | NPT 1"              | 21 - 24                | 76               | 15 | 45  | - | 42  | 5                   | 839.825.9         | 35,6               |
| M40 x 1,5           | NPT 1 1/4"          | 21 - 24                | 79               | 15 | 50  | - | 48  | 2                   | 839.829.9         | 43,1               |
| M40 x 1,5           | NPT 1 1/4"          | 24 - 27                | 79               | 15 | 50  | - | 48  | 2                   | 839.830.9         | 43,1               |
| M40 x 1,5           | NPT 1 1/4"          | 27 - 30                | 79               | 15 | 50  | - | 48  | 2                   | 839.831.9         | 43,1               |
| M50 x 1,5           | NPT 1 1/2"          | 30 - 33                | 79               | 15 | 57  | - | 55  | 2                   | 839.843.9         | 56,8               |
| M50 x 1,5           | NPT 1 1/2"          | 33 - 36                | 79               | 15 | 57  | - | 55  | 2                   | 839.844.9         | 56,8               |
| M63 x 1,5           | NPT 2"              | 36 - 39                | 80               | 15 | 68  | - | 68  | 2                   | 839.851.9         | 78,4               |
| M63 x 1,5           | NPT 2"              | 39 - 42                | 80               | 15 | 68  | - | 68  | 2                   | 839.852.9         | 78,4               |
| M63 x 1,5           | NPT 2"              | 42 - 45                | 80               | 15 | 68  | - | 68  | 2                   | 839.853.9         | 78,4               |
| M75 x 1,5           | NPT 2 1/2"          | 45 - 48                | 91               | 15 | 80  | - | 80  | 1                   | 839.854.9         | 112,4              |
| M75 x 1,5           | NPT 2 1/2"          | 48 - 51                | 91               | 15 | 80  | - | 80  | 1                   | 839.855.9         | 112,4              |
| M75 x 1,5           | NPT 2 1/2"          | 51 - 54                | 91               | 15 | 80  | - | 80  | 1                   | 839.856.9         | 112,4              |
| M90 x 2             | NPT 3"              | 54 - 58                | 103              | 20 | 102 | - | 100 | 1                   | 839.857.9         | 223,5              |
| M90 x 2             | NPT 3"              | 58 - 62                | 103              | 20 | 102 | - | 100 | 1                   | 839.858.9         | 223,5              |

Atex fittings



## Special information for EMC cable-hose fittings

1. In case of EMC versions, the cable diameter needed to determine the clamping range, is not the outer diameter of the cable but the diameter of the cable without the braiding.
2. In case of EMC versions with a wire diameter (S) from 1,0 till 2,5 mm (type SWA, Steel Wire Armour) a special versions with reduced cone clamping rings must be ordered (article no. with suffix "-RC").

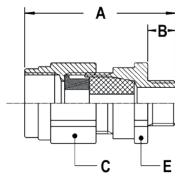
## ADAPTER IECEX-ATEX, RAC-316, IP 66 / 68, STAINLESS STEEL

For armoured 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

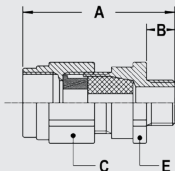
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

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



| THREAD<br>OUTER NPT | THREAD<br>INNER NPT | CLAMPING<br>RANGE (MM) | DIMENSIONS IN MM |    |     |   |     | STANDARD<br>PACKAGE | ARTICLE<br>NUMBER | WEIGHT<br>(KG/100) |
|---------------------|---------------------|------------------------|------------------|----|-----|---|-----|---------------------|-------------------|--------------------|
|                     |                     |                        | A                | B  | C   | D | E   |                     |                   |                    |
| NPT 1/2"            | NPT 1/2"            | 5,5 - 8                | 66               | 18 | 32  | - | 30  | 10                  | 839.912.9         | 17,4               |
| NPT 1/2"            | NPT 1/2"            | 8 - 10,5               | 66               | 18 | 32  | - | 30  | 10                  | 839.913.9         | 17,4               |
| NPT 1/2"            | NPT 1/2"            | 10,5 - 13              | 66               | 18 | 32  | - | 30  | 10                  | 839.914.9         | 17,4               |
| NPT 3/4"            | NPT 3/4"            | 10,5 - 13              | 66               | 18 | 36  | - | 35  | 5                   | 839.915.9         | 20,6               |
| NPT 3/4"            | NPT 3/4"            | 13 - 15,5              | 66               | 18 | 36  | - | 35  | 5                   | 839.918.9         | 20,6               |
| NPT 3/4"            | NPT 3/4"            | 15,5 - 18              | 66               | 18 | 36  | - | 35  | 5                   | 839.919.9         | 20,6               |
| NPT 1"              | NPT 1"              | 15 - 18                | 83               | 22 | 45  | - | 42  | 5                   | 839.923.9         | 35,6               |
| NPT 1"              | NPT 1"              | 18 - 21                | 83               | 22 | 45  | - | 42  | 5                   | 839.924.9         | 35,6               |
| NPT 1"              | NPT 1"              | 21 - 24                | 83               | 22 | 45  | - | 42  | 5                   | 839.925.9         | 35,6               |
| NPT 1.1/4"          | NPT 1.1/4"          | 21 - 24                | 86               | 22 | 50  | - | 48  | 2                   | 839.929.9         | 43,1               |
| NPT 1.1/4"          | NPT 1.1/4"          | 24 - 27                | 86               | 22 | 50  | - | 48  | 2                   | 839.930.9         | 43,1               |
| NPT 1.1/4"          | NPT 1.1/4"          | 27 - 30                | 86               | 22 | 50  | - | 48  | 2                   | 839.931.9         | 43,1               |
| NPT 1.1/2"          | NPT 1.1/2"          | 30 - 33                | 88               | 24 | 57  | - | 55  | 2                   | 839.943.9         | 56,8               |
| NPT 1.1/2"          | NPT 1.1/2"          | 33 - 36                | 88               | 24 | 57  | - | 55  | 2                   | 839.944.9         | 56,8               |
| NPT 2"              | NPT 2"              | 36 - 39                | 89               | 24 | 68  | - | 68  | 2                   | 839.951.9         | 78,4               |
| NPT 2"              | NPT 2"              | 39 - 42                | 89               | 24 | 68  | - | 68  | 2                   | 839.952.9         | 78,4               |
| NPT 2"              | NPT 2"              | 42 - 45                | 89               | 24 | 68  | - | 68  | 2                   | 839.953.9         | 78,4               |
| NPT 2.1/2"          | NPT 2.1/2"          | 45 - 48                | 104              | 28 | 80  | - | 80  | 1                   | 839.954.9         | 112,4              |
| NPT 2.1/2"          | NPT 2.1/2"          | 48 - 51                | 104              | 28 | 80  | - | 80  | 1                   | 839.955.9         | 112,4              |
| NPT 2.1/2"          | NPT 2.1/2"          | 51 - 54                | 104              | 28 | 80  | - | 80  | 1                   | 839.956.9         | 112,4              |
| NPT 3"              | NPT 3"              | 54 - 58                | 111              | 28 | 102 | - | 100 | 1                   | 839.957.9         | 223,5              |
| NPT 3"              | NPT 3"              | 58 - 62                | 111              | 28 | 102 | - | 100 | 1                   | 839.958.9         | 223,5              |

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



| THREAD<br>OUTER PG | THREAD<br>INNER NPT | CLAMPING<br>RANGE (MM) | DIMENSIONS IN MM |    |    |   |    | STANDARD<br>PACKAGE | ARTICLE<br>NUMBER | WEIGHT<br>(KG/100) |
|--------------------|---------------------|------------------------|------------------|----|----|---|----|---------------------|-------------------|--------------------|
|                    |                     |                        | A                | B  | C  | D | E  |                     |                   |                    |
| Pg 11              | NPT 1/2"            | 5,5 - 8                | 63               | 15 | 32 | - | 30 | 10                  | 839.611.9         | 17,4               |
| Pg 13,5            | NPT 1/2"            | 5,5 - 8                | 63               | 15 | 32 | - | 30 | 10                  | 839.612.9         | 17,4               |
| Pg 13,5            | NPT 1/2"            | 8 - 10,5               | 63               | 15 | 32 | - | 30 | 10                  | 839.613.9         | 17,4               |
| Pg 13,5            | NPT 1/2"            | 10,5 - 13              | 63               | 15 | 32 | - | 30 | 10                  | 839.614.9         | 17,4               |
| Pg 16              | NPT 3/4"            | 10,5 - 13              | 63               | 15 | 36 | - | 35 | 5                   | 839.615.9         | 20,6               |
| Pg 16              | NPT 3/4"            | 13 - 15,5              | 63               | 15 | 36 | - | 35 | 5                   | 839.618.9         | 20,6               |
| Pg 16              | NPT 3/4"            | 15,5 - 18              | 63               | 15 | 36 | - | 35 | 5                   | 839.619.9         | 20,6               |
| Pg 21              | NPT 1"              | 15 - 18                | 76               | 15 | 45 | - | 42 | 5                   | 839.623.9         | 35,6               |
| Pg 21              | NPT 1"              | 18 - 21                | 76               | 15 | 45 | - | 42 | 5                   | 839.624.9         | 35,6               |
| Pg 21              | NPT 1"              | 21 - 24                | 76               | 15 | 45 | - | 42 | 5                   | 839.625.9         | 35,6               |
| Pg 29              | NPT 1.1/4"          | 21 - 24                | 81               | 17 | 50 | - | 48 | 2                   | 839.629.9         | 43,1               |
| Pg 29              | NPT 1.1/4"          | 24 - 27                | 81               | 17 | 50 | - | 48 | 2                   | 839.630.9         | 43,1               |
| Pg 29              | NPT 1.1/4"          | 27 - 30                | 81               | 17 | 50 | - | 48 | 2                   | 839.631.9         | 43,1               |
| Pg 36              | NPT 1.1/2"          | 30 - 33                | 81               | 17 | 57 | - | 55 | 2                   | 839.643.9         | 56,8               |
| Pg 36              | NPT 1.1/2"          | 33 - 36                | 81               | 17 | 57 | - | 55 | 2                   | 839.644.9         | 56,8               |
| Pg 48              | NPT 2"              | 36 - 39                | 83               | 18 | 68 | - | 68 | 2                   | 839.651.9         | 78,4               |
| Pg 48              | NPT 2"              | 39 - 42                | 83               | 18 | 68 | - | 68 | 2                   | 839.652.9         | 78,4               |
| Pg 48              | NPT 2"              | 42 - 45                | 83               | 18 | 68 | - | 68 | 2                   | 839.653.9         | 78,4               |