

## RJ11FTV - ATEX ZONE 2



### Description

RJ11FTVX connectors allow you to use a standard RJ11 connection in Atex zone 2 environments. This range is designed to be used in Atex zone 2 environments and 100% tested at 500V during 1 minute without sparking. This solution has several advantages. The assembly of your solutions is fast and easy because you don't need any tool. You can choose between four different codings on the plug and receptacle side. With the help of dedicated tool you can remove the insert of the receptacle in order to change the coding if needed. You can also use it for reparation or maintenance. Everything can be done in place.

### Main features

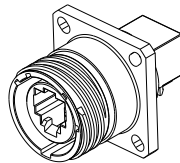
#### MAIN CHARACTERISTICS

- Ex marking : II3G ExnAIIIT6 X
- Operating temperature range : -40°C / +60°C
- Voltage : 60 Veff max
- Power : 20 W max
- Outside cable diameter : 4 to 5,5mm
- Sealing : IP68

**How to order :** Please refer to page 119

### Back terminations

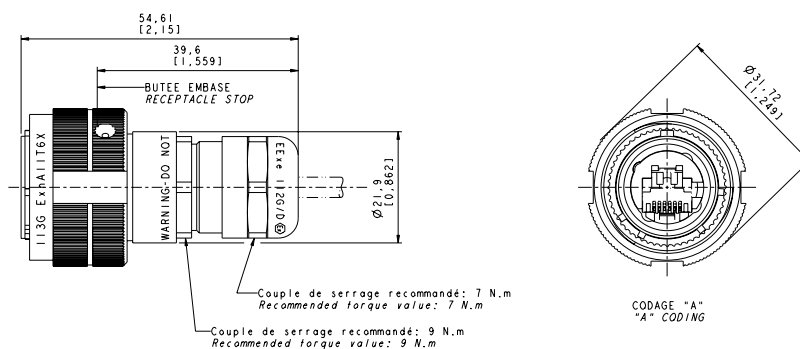
Type 1:  
Female RJ11



### Overall dimension

Atex plug - Shell type 6

Part number type : **RJ11FTVX 6 M X**



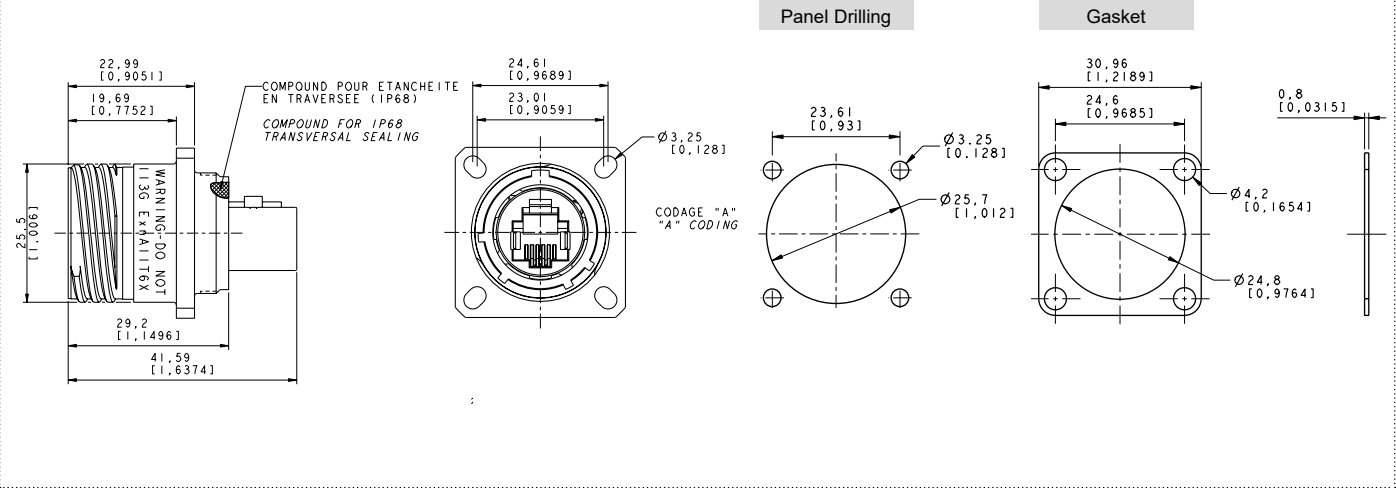
✓ : RoHS compliant

# RJ11FTV - ATEX ZONE 2

## Overall dimension

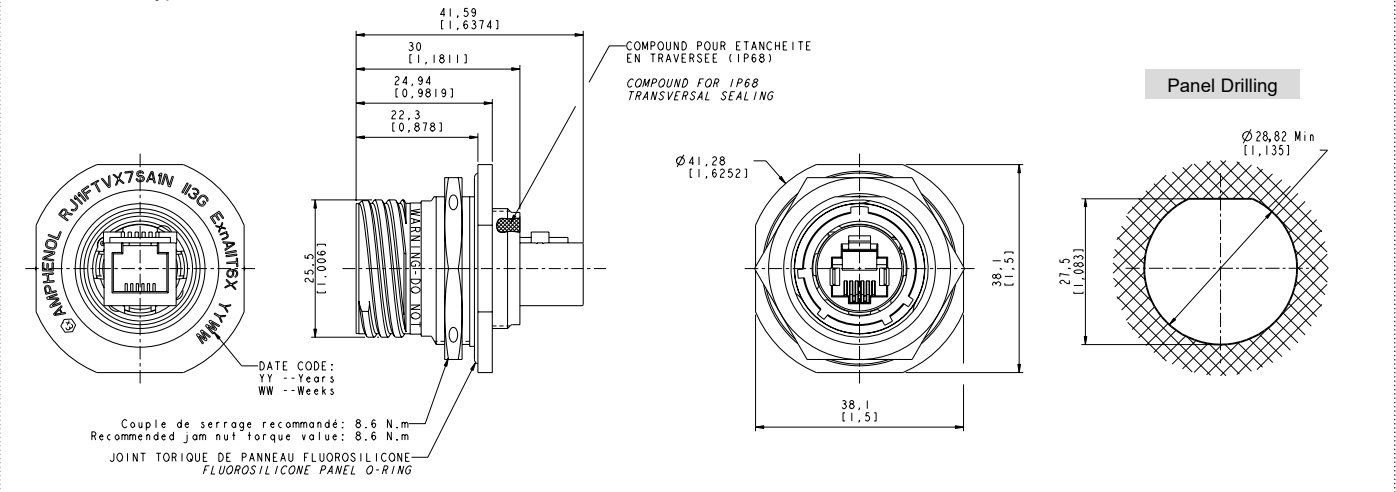
### Atex square flange receptacle - 4 mounting holes - Shell type 2

Part number type : **RJ11FTVX 2 SA 1 X**



### Atex jam nut receptacle - Hexagonal nut mounting - Shell type 7

Part number type : **RJ11FTVX 7 SA 1 X**



**Important note:**

- Due to the compound, the coding orientation has to be define in the reference.
- To choose your coding orientation, please refer to "Assembly instructions" page 104.

# HOW TO ORDER - RJ11FTV - ATEX ZONE 2

| 1.        | 2.         | 3.                           | 4.                                     | 5.                         |
|-----------|------------|------------------------------|--|----------------------------|
| Series    | Shell type | Coding (for receptacle only) | Back termination (for receptacle only) | Shells material and finish |
| RJ11FTV X | 2S         | A                            | 2                                      | G                          |

## 1. Series

|          |                             |
|----------|-----------------------------|
| RJ11FTVX | RJ11FTV Field - ATEX zone 2 |
|----------|-----------------------------|

## 2. Shell type

|    |                          |                      |
|----|--------------------------|----------------------|
| 6M | Plug                     | Metal gland          |
| 2S | Square flange receptacle | Transversally sealed |
| 7S | Jam nut receptacle       | Transversally sealed |

## 3. Coding (for receptacle only)

|   |          |
|---|----------|
| A | Coding A |
| B | Coding B |
| C | Coding C |
| D | Coding D |

## 4. Back termination

|   |             |
|---|-------------|
| 1 | Female RJ45 |
|---|-------------|

## 5. Shell material and finish

|   |                 |                            |
|---|-----------------|----------------------------|
| G | Aluminium shell | Olive Drab Cadmium plating |
| N |                 | Nickel plating ✓           |

## Examples :

| Part number   | Description   |
|---------------|---|
| RJ11FTVX6MG   | RJF11TV, atex zone 2, plug with metal gland, olive drab cadmium plating   |
| RJ11FTVX7SA1G | RJF11TV, atex zone 2, transversally sealed jam nut receptacle, female RJ11 back termination, olive drab cadmium plating |
| RJ11FTVX2SA1N | RJF11TV, atex zone 2, transversally sealed square flange receptacle, female RJ11 back termination, nickel plating       |

✓ : RoHS compliant