

RJFTV™ - ATEX ZONE 2



Description

RJFTVX connectors are certified for use in explosive environments. This range is designed to be used in ATEX zone 2 environments and 100% tested at 500V during 1 minute without sparking.

MAIN CHARACTERISTICS

- Ex marking : II3G ExnAII T6 X
- Operating temperature range : -40°C / +60°C
- Voltage : 60 Veff max
- Power : 20 W max
- Outside cable diameter : 6mm to 12mm
- Sealing : IP68

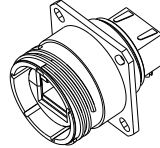
DATA TRANSMISSION

- 10 BaseT, 100 BaseTX and 1000 BaseT networks
- Cat 5e per TIA/EIA 568B and ClassD per ISO/IEC 11801
- Cat.6 per TIA/EIA 568B and ClassE per ISO/IEC 11801
- Cat.6A per TIA/EIA 568B and ClassEa per ISO/IEC 11801

How to order : Please refer to page 118

Back terminations

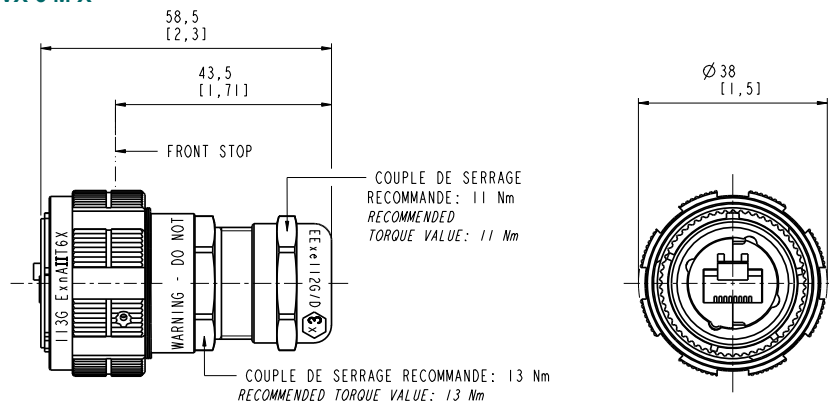
Type 1:
Female RJ11



Overall dimension

Atex plug - Shell type 6

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

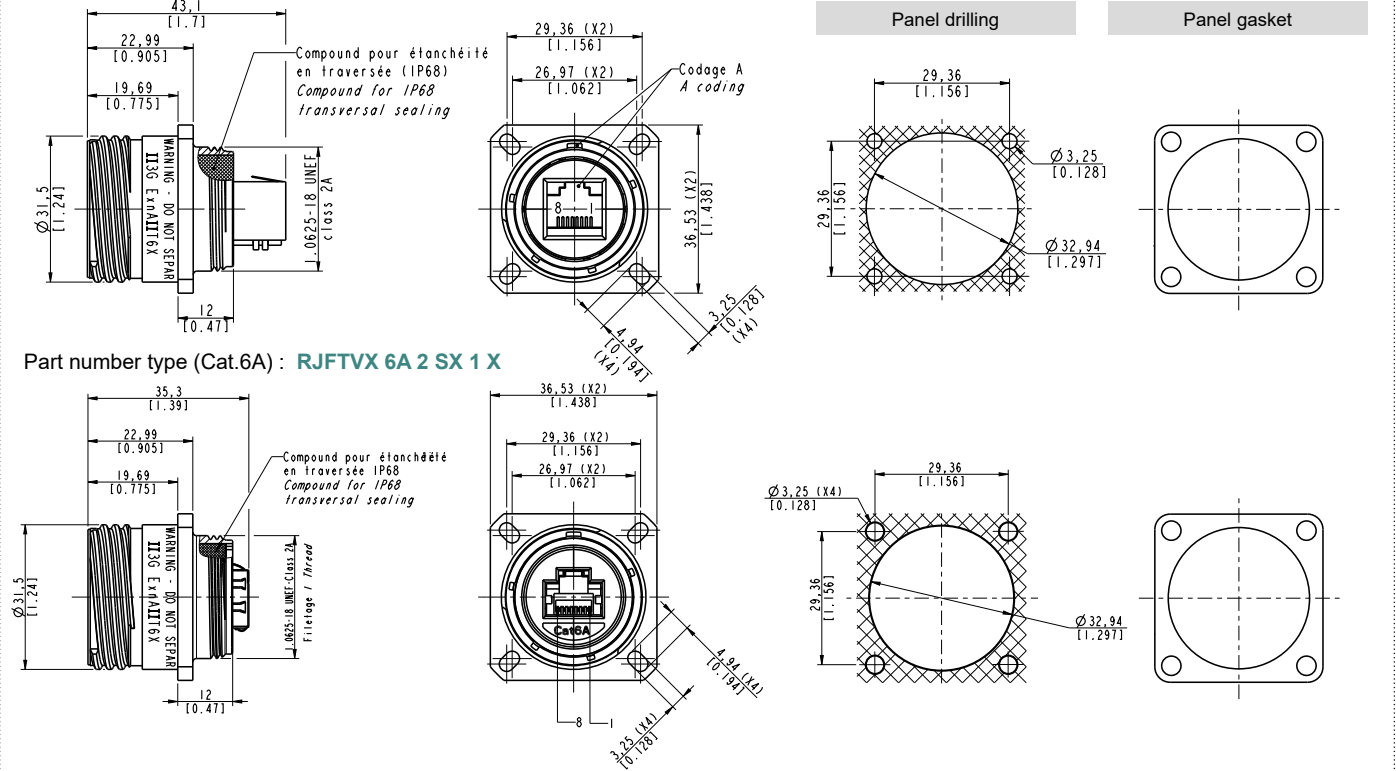


RJFTV™ - ATEX ZONE 2

Overall dimension

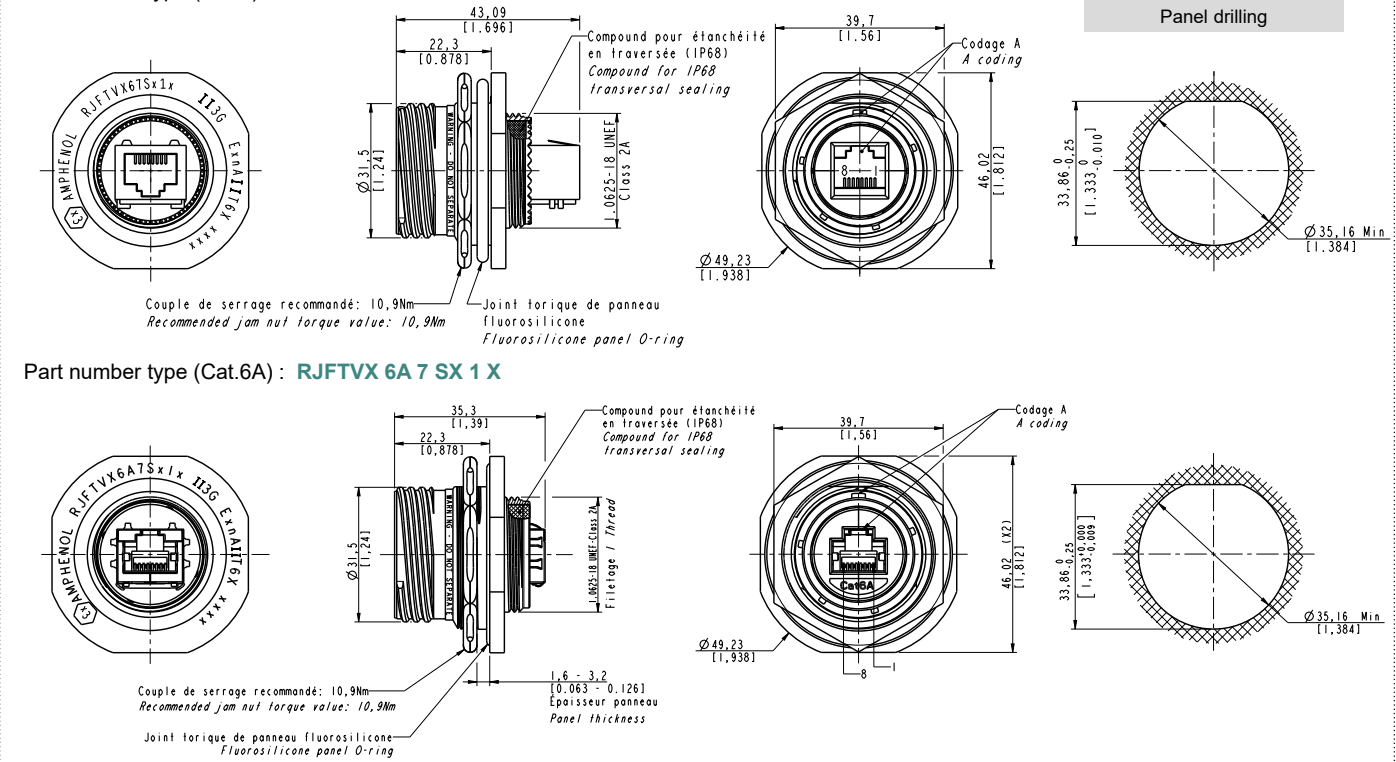
Atex receptacle - Square flange receptacle - 4 mounting holes - Shell type 2 - Back termination type 1

Part number type (Cat.5e) : **RJFTVX 2 SX 1 X**
 Part number type (Cat.6) : **RJFTVX 6 2 SX 1 X**



Atex receptacle - Jam nut receptacle - Hexagonal nut mounting - Shell type 7 - Back termination type 1

Part number type (Cat.5e) : **RJFTVX 7 SX 1 X**
 Part number type (Cat.6) : **RJFTVX 6 7 SX 1 X**

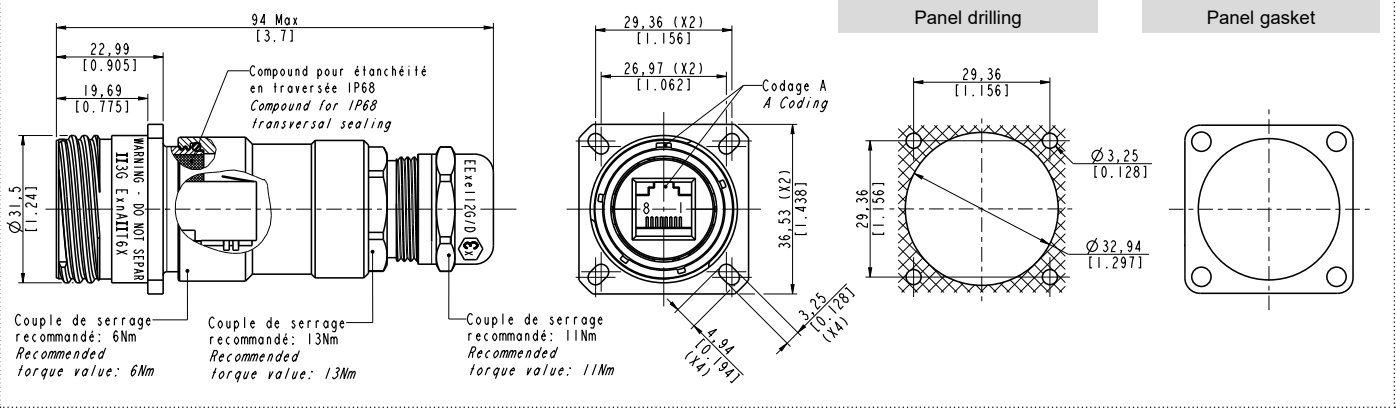


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Overall dimension

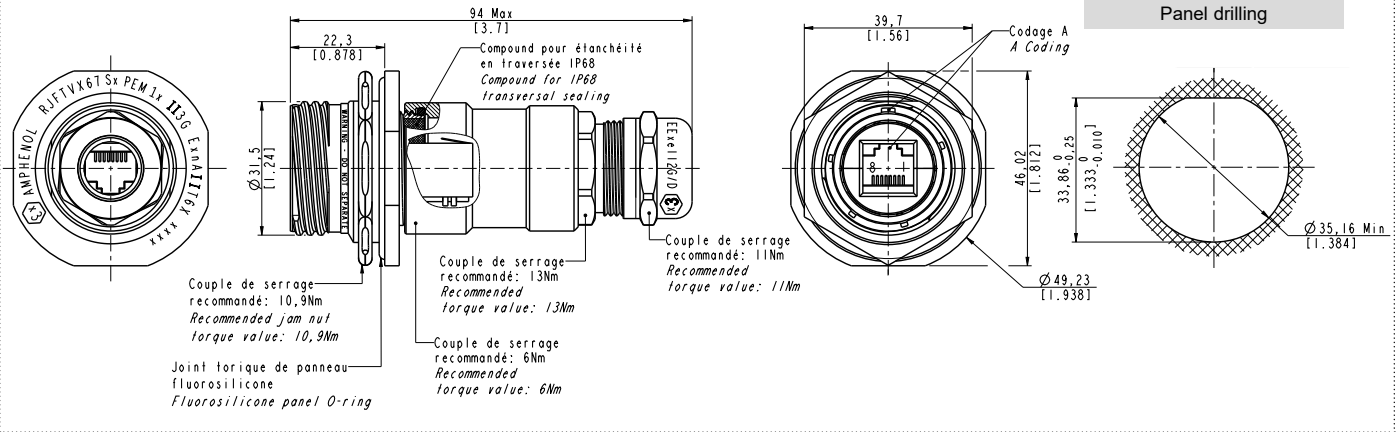
Atex receptacle - Square flange receptacle - 4 mounting holes - Shell type 2 - Backshell with metal gland

Part number type (Cat.5e) : **RJFTVX 2 SX PEM 1 X**
 Part number type (Cat.6) : **RJFTVX 6 2 SX PEM 1 X**



Atex receptacle - Jam nut receptacle - Hexagonal nut mounting - Shell type 7 - Backshell with metal gland

Part number type (Cat.5e) : **RJFTVX 7 SX PEM 1 X**
 Part number type (Cat.6) : **RJFTVX 6 7 SX PEM 1 X**



HOW TO ORDER - RJFTV™ - ATEX ZONE 2

- Metal range
- Composite range
- Cables and cordsets
- Adaptors and access points
- Accessories
- Assembly instructions
- How to order

1.	2.	3.	4.	5.	6.
Series	Shell type	Coding (for receptacle only)	Back termination (for receptacle only)	Shells material and finish	Cordset option (back termination type 2 only)
RJFTVX	2S	A	2	G	03 100BTX

1. Series

RJFTVX	Cat.5e Ethernet connector - ATEX zone 2
RJFTVX6	Cat.6 Ethernet connector - ATEX zone 2 (back termination 1 only)

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
2	RJ45 cordset

5. Shell material and finish

G	Aluminium shell	Olive Drab Cadmium plating
N		Nickel plating ✓

6. Cordset option (back termination type 2 only)

03 100BTX	0,3m [11.81 inches]
05 100BTX	0,5m [19.68 inches]
10 100BTX	1m [39.37 inches]
15 100BTX	1,5m [59.05 inches]

Examples :

Part number	Description
RJFTVX62SB1N	RJFTV Cat.6, atex zone 2, transversally sealed square flange receptacle, coding B, female RJ45 back termination, nickel plating
RJFTVX7SA2N03100BTX	RJFTV Cat.5e, atex zone 2, transversally sealed jam nut receptacle, coding A, 0,3m cordset with RJ45 plug at the end, nickel plating
RJFTVX6MN	RJFTV, atex zone 2, plug with metal gland, nickel plating