

- **Multipoint sensors fully made of stainless steel**
With or without external sheath
- **Individual test in production**
Hydraulic and pneumatic test
Temperature
Insulation
PMI material test
- **Fully securized (option)**
Duplex element on all measure points
- **Applications**
Chemical reactors
Fermentation silos
Refined towers



• **Models available in ATEX and IECex version**



Multipoints sensors range realized on specification for mounting on bug unit like: chemical reactors or refined towers. Explosion-proof or intrinsic security can be realized.

• **Specifications :**

External sheath (optionnal)

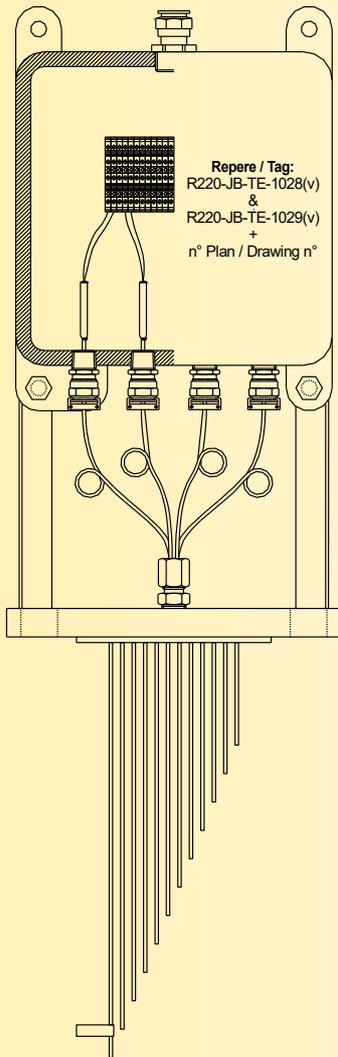
- rigid or flexible
- 316 stainless steel or 600 inconel steel
- Minimal diameter of the sheath: 4mm
- Maximum length > 10 meters
- Temperature range: -200 to +1100°C.
- Process mechanical junction
by flange or sliding connection.
- Output by flexible stainless steel corrugated

Electrical connection box

- Contiguous or deported (by stainless steel corrugate)
- ATEX** homologated junction box
- Protection mode:
 - Safety "i"
 - Safety "e"
 - Safety "d"
- aluminium cast iron, stainless steel or polyester.
- protection index: IP65
- Cable input by cable gland or connection
- junction: screwed multipolar terminal
- possibility to incorporate the measure transmitter
up to 24 Duplex thermocouples by sensor.



**Explosion-proof
ATEX Version**



**Intrinsic security
ATEX Version**



Example of multipoints realisation with stainless steel mineral insulated external sheath.

