

TEMPERATURE

Connection heads

DESCRIPTION: Connection heads that can have ceramic terminal block elements or electronic temperature transmitters.

Depending on the electrical classification of the area where it will be located and the material required, there are three models PATENTED BY EIPSA certified and accredited for use in areas classified ATEX 2014/34/UE and IECEx with explosion protection mode and intrinsic safety: EI-45, EI-46 and EI-47.

With transmitter or ceramic block of connections or with local INDICATION LCD.



Model: EI-47



Model: EI-46



Model: EI-45



Model: IP-68



Transmitter 7501

DENOMINATION

Connection head.

CHARACTERISTICS

Durability, ATEX certification, IECEx, IP 68, dimensions compatible with DIN A, DIN B.

- Rules of design:	ATEX, IECEx, UNE-EN 60529, DIN.
- Materials:	Stainless steel, aluminum or cast iron.
- Sizes of manufacturing:	Input and output connections 1/2" NPT-F, 3/4" NPT-F, and metrics.

APPLICATIONS

- Nuclear industry.
- Chemical and petrochemical industry.
- Aeronautical and aerospace industry.
- Areas classified ATEX 2014/34/EU and IECEx with explosion protection mode and intrinsic safety.
- For use in complete sets of temperature measurement with thermowell or skin-point type.

NOTES

- **Maximum operating temperature:** According to the flanges rating, tube thickness and materials.
- **Maximum operating pressure:** According to the flanges rating, tube thickness and materials.



www.eipsa.es

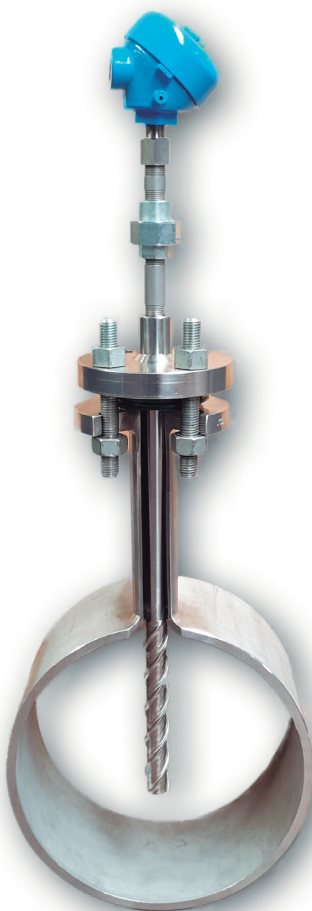


NR: ISO 9001 - 0037273

DIRECTIVES

Certification of complex assembly under ATEX/IECEx directive

HISTORY: Under the tutelage of certified laboratories and our quality team, seeking to adapt the manufacture of our complete temperature sets to the needs of the industry. EIPSA has had since 1991 the certification of our complete sets intended for use in Potentially Explosive Atmospheres, updating to the new ATEX directive 94/9/EC since 2003, and later to the ATEX Directive 2014/34/EU, as well as the international standard IECEx since 2016.



DESCRIPTION

- Our company is ISO 9001:2015 certified by Lloyd's Register, and is audited and accredited by the Notified European Organization n°0163 Official Laboratory J.M. Madariaga (LOM) as Manufacturers of Equipment, Components or Protection Systems, for use in Potentially Explosive Atmospheres in accordance with the ATEX Directive 2014/34/EU with notification number LOM 03ATEX9150, as well as, under the international standard IECEx (Quality Assessment Report) with document number ES/LOM/QAR 16.0001 by the Official Laboratory J.M. Madariaga (LOM) acting as Notification Body (ExCB).
- These certificates are valid for complete temperature sets that are composed of:
 - Head of connections, with ceramic terminal block or electronic temperature transmitter.
 - EIPSA standard mounting connections that allows the action of the compression spring (Spring Load) on the sensor element, not on the block of connections.
 - Joining accessories.
 - Sensor element type Thermocouple or RTD.
 - Thermowell for process connection (with or without flange).
- See specific tabs of the sets for more information.

Approved Set Certifications

ATEX:

LOM 03ATEX 2088X/CE0163 II2G Ex d IIC T6 Gb.
LOM 03ATEX 2118X/CE0163 II2G Ex d IIC T6 Gb.
LOM 04ATEX 2156X/CE0163 II2G Ex ia IIC T6 Ga.
LOM 09ATEX 2027X/CE0163 II2G Ex d IIC T6 Gb.
LOM 13ATEX 2039X/CE0163 II2G Ex d IIC T6 Gb.
LOM 13ATEX 2040X/CE0163 IIIG Ex ia IIC T6 Ga.

IECEx:

IECEx LOM 16.0001X/ Ex db IIC T6...T1 Gb.
IECEx LOM 16.0001X/ Ex ia IIC T6...T1 Ga.
IECEx LOM 21.0005X/ Ex db IIC T6...T1 Gb.



www.eipsa.es



NR: ISO 9001 - 0037273

