7 EXAMPLES

7.1

REMOVABLE ODORANT INJECTOR ON-LOAD

CHARACTERISTICS

Removable injector on-load, adjustment via hand wheel.

Connexion to process

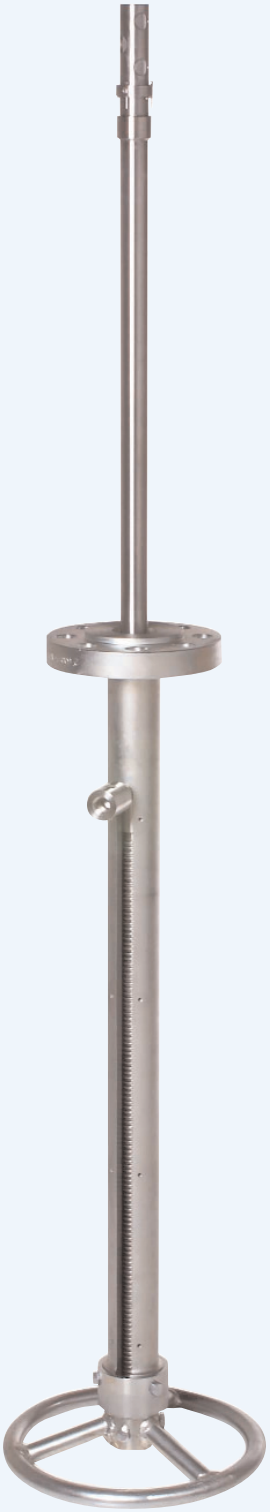
- Flange
- Nominal diameter: DIN or ASA
- Rating: DIN or ASA

Connexion to instrument

- Female thread 3/8" NPT

Insertion length

- Depends on pipe and process valve

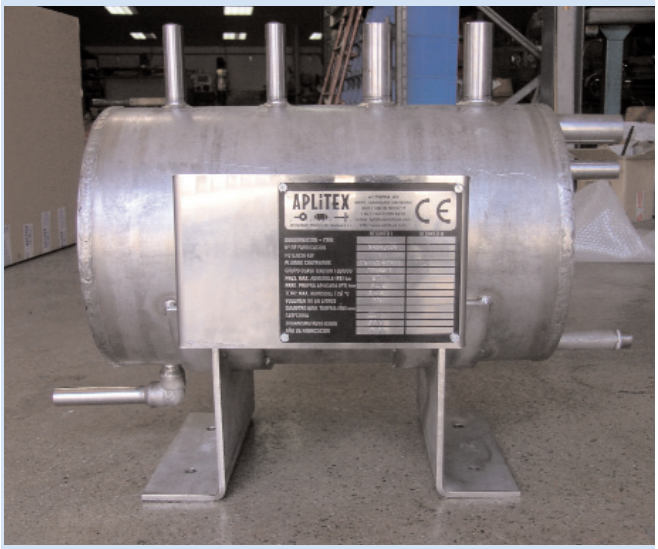


7.2

PRESSURE EQUIPMENT WITH CE MARKING

APLITEX manufactures pressure equipment that comply the **European Directive 97/23/EC on pressure equipment (PED)**.

APLITEX collaborates with its customers over their proposed designs, providing the information, specifications, and material resistance calculations, fluid mechanics, and adapting the equipment to current norms, regulations and approved standards.



7.3

SEPARATOR SEALS

In certain cases, many applications require the pressure transmitter to be separate from the fluid to be measured. As a solution, APLITEX offers a separator seal.

Examples of application:

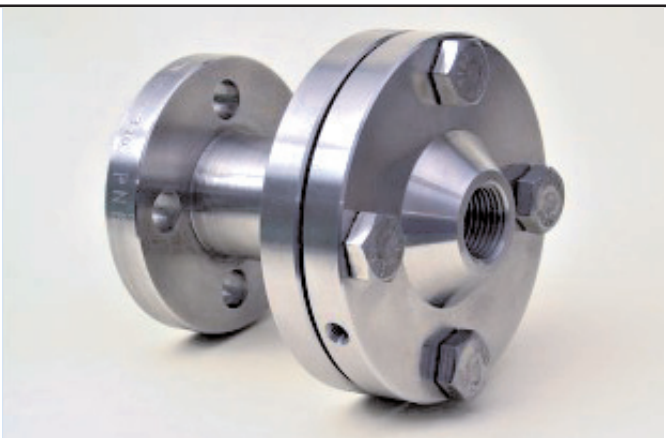
- Fluid temperature is outside the limits specified on the transmitter
- The fluid is corrosive
- The fluid is of high viscosity or contains solids in suspension
- Processes requiring quick cleaning

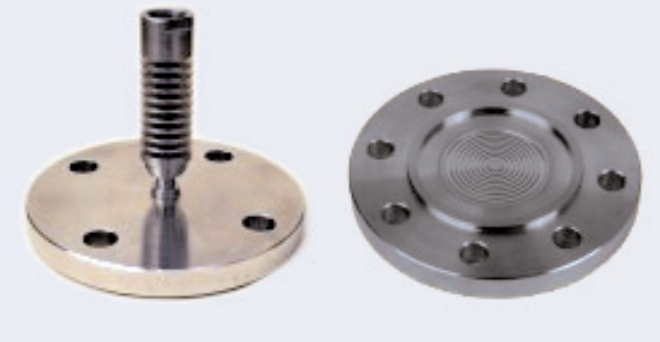
Types:

- Diaphragm type
- Cell type
- Flange type
- Quick release type

Mounting:

- Directly to transmitter
- Through capillary

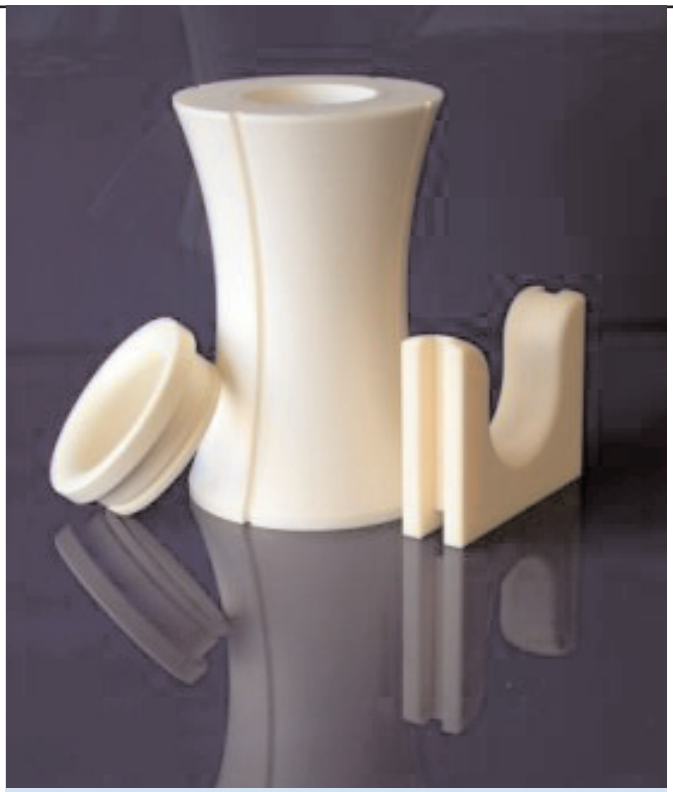




7.4

MACHINED COMPONENTS IN CERAMIC MATERIAL

Advanced Ceramic Technology are recent terms that refer to a wide range of materials, which are generally obtained from parition of inorganic raw material –metal oxides-, and selected with a high grade of purity. These materials are submitted to shaping techniques of the powder metallurgy with a following very high temperature sintering process that leads to dense components, which high technical performances offer a wide range of applications.



Thanks to their **excellent properties, the Advanced Ceramic Technology**, at the present time, are a key element in processes that require:

- Extreme solidity.
- Stability at high temperatures.
- High resistance to corrosion.
- High resistance to chemical attacks.
- High resistance to vacuum.
- Long life.

The industry sectors where **Advanced Ceramic Technology**'s importance increases are:

- Chemical industry
- Pharmaceutical industry
- Biomedicine
- Textile
- Food
- Plastic industry
- Metallurgy
- Petrochemistry
- Glass industry
- Electronics
- Paper industry