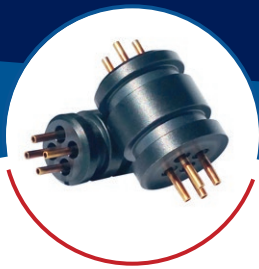


Conesys Europe

Conesys Europe, a division of Conesys Inc., is an ISO9001 and EN9100 certified designer and manufacturer of Glass-sealed Hermetic Connectors and Feedthroughs. Our hermetically sealed interconnection systems are widely used in all types of applications spanning markets such as:

- Military/Aerospace • Commercial & Business Aviation
- Aircraft Engines • Marine Applications
- Heavy Equipment • Transportation • Geophysical
- Automation & Motion Control • Medical Equipment
- General Industrial & Telecommunications.



Harsh Environments : Temperature • Pressure • Vacuum • Contaminants • Corrosion

KEY FEATURES



General Characteristics

- ✓ Mixed layouts: Signal, Power, Coaxial, Optical (Hermoptic®)
- ✓ Temperature range from -200°C up to +300°C
- ✓ Pressure up to 2,000 bars (29,000 psi)
- ✓ Helium Leak rate up to 10^{-12} atm.cm³.s⁻¹
- ✓ Durability: 500 Mating Cycles
- ✓ Shock & Vibration: Up to 2000 Hz / 20G



Electrical

- ✓ Withstanding Voltage up to 2500 V
- ✓ Insulation resistance up to 200 GΩ
- ✓ Max Current rating per contact up to 1000 A



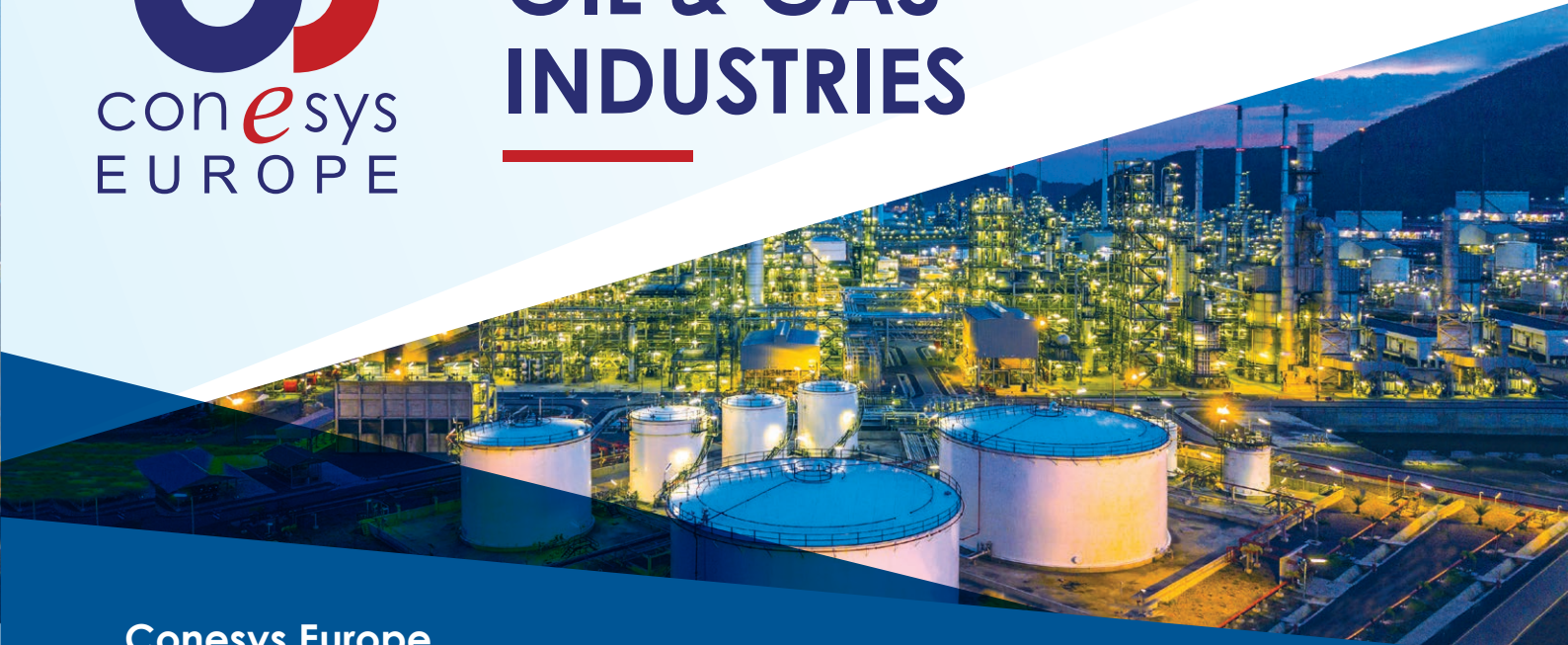
Environmental

- ✓ Corrosion: > 500 Hours Salt Spray
- ✓ REACH/RoHS compliant



Mechanical

- ✓ Shell Materials: Stainless Steel
Marine Bronze
Titanium
Nickel alloys (NACE)
- ✓ Shell Plating: Passivation
Nickel / Silver / ...
- ✓ Shell Types: Bulkhead/Feedthrough
In line Receptacle
Jam Nut Receptacle
Wall Mount Receptacle
EMI/RFI Plug
- ✓ Contacts: Ni alloys
Fe alloys
Gold plating / Silver



Conesys Europe

Conesys Europe designs its Connectors & Feedthroughs in compliance with recommendations from NACE International for corrosion resistance. Therefore, in addition to their ability to be used in high Pressure and Temperature conditions, Conesys' hermetic interconnection systems meet the requirements of the Oil & Gas industry.

Our hermetically sealed products are based upon the Glass-to-Metal Sealing technology, which offers reliability at an attractive cost. This technology provides a high performance level in harsh environments that would typically cause resilient connectors to fail. It also is the best solution to reduce the connector dimensions to its minimum, since there are no rear parts, making the connectors completely flat (Printed Circuit Board applications).



High Pressure High Temperature

Designed to sustain and operate under High Pressure and High Temperature environmental conditions, our interconnection systems are used for numerous applications such as downhole, drilling and logging instruments, Wire-line and Measurement While Drilling (MWD) tools, ...



High Corrosion Resistance

Designed with high grade materials such as Nickel alloys, Inconels®, Hastalloys®, MP35N®, High grade Stainless Steels, ... our Glass-sealed Connectors & Feedthroughs can withstand high corrosive atmospheres (Fluids, Fuels, Oils, Water, Gases).



Glass-sealed Feedthroughs

Conesys Europe's Feedthroughs (used in protected areas) are designed with adequate materials for optimum cost effectiveness and maximum reliability.



Glass-Sealed Connectors

Conesys Europe's hermetically sealed connectors meet the requirements of all standard interface specifications. Very successful for Sensors and Transducers applications, our products are customizable without limits other than the customer's expectations.



↓ DOWNLOAD OUR CATALOGS FROM
conesyseurope.com