



# SOURIAU

Oil & Gas  
Exploration & Production

## SOURIAU on the Seismic Exploration Market

SOURIAU is a recognized worldwide market leader in the design and manufacture of connectors and interconnect systems for severe environments. SOURIAU has developed a wide range of ruggedized and reliable connectors for the geophysics market, fully compliant with harsh environment requirements.

For more than 20 years, SOURIAU has become a trusted name by major geophysics equipment manufacturers and their subcontractors.

All SOURIAU connectors are designed to guarantee the most effective, safe and reliable transmission.



The Connection Solution Provider for Severe Environment



## 851 Standard Proven Military Connector

Our basic range for geophysical applications.

**High corrosion resistance**



500 hours salt spray

**Quick coupling**



Bayonet coupling (1/3 turn)

**Polarization**



Five keys

**EMC requirements**



Shielded plug available

**Endurance**



500 mating cycles



## 851 Heavy Duty (V7, V8)






**Thick wall and reinforced keyway channels.  
Derivative from MIL DTL 26482 S1 range.**

- |                                  |   |                               |
|----------------------------------|---|-------------------------------|
| <b>High corrosion resistance</b> | ■ | 500 hours salt spray          |
| <b>Quick coupling</b>            | ■ | Bayonet coupling (1/3 turn)   |
| <b>Connection under water</b>    | ■ | Self cleaning mating sequence |
| <b>Safety endurance</b>          | ■ | High pull out resistance      |
| <b>Thick wall</b>                | ■ | Improved reliability          |



## Overmolded 2 Way Herma Connectors

**Designed to match the harshest environments.  
Special insulator shape for mating in mud and water.**

<b>Resistant to shocks, falls, vibrations, oil fluids</b>		Hard polyurethane
<b>High sealing</b>		Down to 30 meters. Soft polyurethane insulator
<b>Quick and robust coupling</b>		3 thread screw coupling
<b>Endurance</b>		400 mating cycles (muddy conditions)
<b>Mud ejection</b>		Self clean mating sequence



## Overmolded Connectors

**Designed to match the harshest environments.  
Special insulator shape for mating in mud and water.**

<b>Resistant to shocks, falls, vibrations, oil fluids</b>	■	Hard polyurethane
<b>High sealing</b>	■	Down to 30 meters. Soft polyurethane insulator
<b>Quick and robust coupling</b>	■	3 thread screw coupling
<b>Endurance</b>	■	400 mating cycles (muddy conditions)
<b>Watery and muddy coupling</b>	■	Specific shaped insulator





## 851 Ruggedized (8XE) Aluminum

**Durable glass filled plastic which offers  
great impact and shock resistance.**

**High corrosion resistance**



500 hours salt spray

**Quick coupling**



Bayonet coupling (1/3 turn)

**Connection under water**



Self cleaning mating sequence

**Endurance**



500 mating cycles

**Color coding**



Many colors available

**Durability in sandy and  
dusty environment**



Anti-seize coupling ring with Teflon



## 851 Ruggedized (8XE) Stainless Steel

**Durable glass filled plastic which offers  
great impact and shock resistance.**

<b>Very high corrosion resistance</b>	■	Stainless steel shell with 500 hours salt spray
<b>Quick coupling</b>	■	Bayonet coupling (1/3 turn)
<b>Connection under water</b>	■	Self cleaning mating sequence
<b>High endurance</b>	■	1,500 mating cycles
<b>Color coding</b>	■	Many colors available
<b>Durability in sandy and dusty environment</b>	■	Anti-seize coupling ring with Teflon





## 8D Bronze Series

**A large offering of inserts and contacts  
to support a variety of layouts.**

**Very high corrosion resistance**



Bronze shells with 500 hours salt spray

**Quick coupling**



3 thread screw coupling

**Endurance**



500 mating cycles

**Secured locking**



2/1 anti-decoupling system

**Robust coupling**



High pull out force

**Saving space**



High contact density



## TP Connector Series

**Simple to set up and fully field repairable. Specially designed for industry requiring watertight performance in harsh environments.**

**High corrosion resistance**



Nickel treated brass shells

**Robust coupling**



Pressure self locking system

**Endurance**



500 mating cycles

**Scoop proof**



Mechanical protection of contact ends

**User friendly**



Field repairable

**Continuous immersion**



Waterproof down to 300 meters



## M Connector Series

**Very high reliability with dry mate sealing  
down to 2,000 meters of immersion.**

**Very high corrosion resistance**



Nickel Aluminum - Bronze shells

**Robust coupling**



Screw coupling system

**Endurance**



500 mating cycles

**Scoop proof**



Mechanical protection of contact ends

**Very high pressure resistance**



Waterproof down to 2,000 meters



Your local contact

# SOURIAU

[www.souriau.com](http://www.souriau.com)

**Esterline**  
Connection Technologies