Marine interconnect solutions
SOURIAU values
QUALITY & EXPERTISE
PROVEN DESIGN
EXTENSIVE RANGE
SOURIAU in the Marine Market

SOURIAU is a world leader in the harsh environment interconnect solutions market with a strong culture of operational excellence. For more than 40 years, SOURIAU has designed and manufactured connectors for submerged applications.

Our marine connectors have been designed to meet the highest standards of safety, for shallow or deep underwater immersion or for surface use where water exposure is frequent. They are designed to resist in a highly corrosive environment and to protect perfectly against water ingress. The ease of use is also one of the key features of this range.

SOURIAU - SUNBANK Connection Technologies is a global leader in connection technologies offering a flexible and collaborative approach to meeting our customers’ design, engineering and manufacturing needs when bringing new products to market.
Range availability
8 shell sizes
Shell materials: bronze or aluminum alloy
Straight and elbow backshells
Contact current rating from 7.5A to 720A
Ship decks and inboard marine
Robust design, waterproof to IP68, MSH/MPH connectors are particularly suitable for ship decks or industrial applications requiring waterproof ratings.

Which applications?
• Surface vessel instrumentation
• Inboard marine
• Upper deck & protected rooms
• Construction industry (ex: tunneling machines, concreting, power supply units..)

MSH/MPH Series
High resistance to vibration
IP 68
Scoop proof
Five-key mechanical polarization
Easy cabling
Range availability
4 shell sizes
Shell material: nickel plated brass
Up to 41 contacts
Straight plug, inline receptacle or feedthrough
Signal, coaxial or triaxial contacts
Temporary water immersion solutions
TP Series has been designed to withstand harsh and aquatic environments.

Which applications?
- Onshore Oil & Gas services: geophysics, inspection or instrumentation
- Water treatment
- Civil construction
- Underwater instrumentation

TP Series
Temporary sea water immersion down to 300 meters/1,000 feet depth
High resistance to cable pull out or transverse forces
Repairable connectors with removable inserts
Easy coupling/uncoupling operation
Range availability
2 shell sizes
Shell material: high-end thermoplastic
Up to 19 contacts
Straight plug, inline or jam nut receptacle
Overmolded cable termination for plug and inline receptacle
Shallow water immersion

The SWIM Series provides the most reliable solution for shallow water immersion.

Which applications?

- Ocean drones
- Commercial diving
- Buoys
- Observation Class ROVs

SWIM Series

THE connector for Shallow Water Immersion down to 300 meters/1,000 feet depth

Designed for long term use

Reliable solution even at low pressure (no corrosion, perfect watertightness)

Keying and easy coupling

Cost effective solution

Lightweight
Range availability
5 shell sizes
Shell materials: nickel aluminum bronze (M series), 316L Stainless Steel (MU Series)
Straight plug, jam-nut, square flange, inline receptacle, feedthrough…
Signal, coax, triax, high power…
Deep water immersion

The M connector range meets the highest standards of safety for deep immersion.

Which applications?
- Autonomous Underwater Vehicles (AUVs)
- ROVs
- Military marine: submarines, vessels…
- Marine Renewable Energies (Tidal turbines)
- Towed arrays

M/MU* Series
High performance within deep water immersion up to 700 bar**
Extreme resistance to pull-out or transverse forces, vibration or shock
Long service life
High security thanks to two O-rings double sealing

*: U stainless steel series for marine application is now called MU series
**: depending on the model
Range availability
4 shell sizes
Straight plug, jam-nut, square flange, inline receptacle, feedthrough...
The same M series layouts availability
Offshore interconnect solutions
The Superduplex connectors are suitable for service in highly corrosive underwater conditions for the longest duration.

Which applications?
- Oil & Gas service: offshore exploration
- Subsea production system for Oil & Gas
- Tidal turbines

SD Superduplex
Perfectly suited to the offshore industry
The Super Duplex material used for these connectors provides both excellent resistance to all types of corrosion and very high mechanical strengths
Range availability

5 shell sizes
Shell material: nickel aluminum bronze
Straight plug, jam-nut, square flange, inline receptacle, feedthrough, …
Other custom designs (ex: quick release plug) or materials available on request
Deep water immersion and wet mate solutions

High performance connectors designed for underwater coupling.

Which applications?
- Underwater instrumentation
- Offshore underwater wellhead equipment
- Submarine

8810 Series
Underwater mateable connectors for up to 3,000 meters/10,000 feet depth (size 1,2,3,4,7)
Long-term immersion
High performance
Range availability
Based on 3 existing shell sizes: 14MO, 20MO, 24MO
Custom solutions

SOURIAU-SUNBANK Connection Technology can also offer many custom solutions in order to meet customer requirements and to fit their specific needs. Besides, we are able to test the interconnect solutions according to custom vibration profiles, temperature range or dedicated flexing and sealing requirements...

Which applications?
- Underwater datacenter
- Underwater high speed signal transmission

Optical M connectors
Watertight up to 1000m for optical or hybrid connectors
Our differentiators

**QUALITY & EXPERTISE**
Decades of know-how and expertise with an enviable track record of high quality interconnect solutions have established **SOURIAU** as one of the most trusted names in the business. Whether for subsea or top side applications, power or signal transmission, **SOURIAU** is a brand you can rely on.

**COMPLETE INTERCONNECT SOLUTIONS**
From connectors, to overmold cable assemblies, **SOURIAU** offers a complete turnkey solution.

**ENVIRONMENT & SAFETY**
Compliance to international standards UL, IEC, RoHS, REACH...
SOURIAU: A high service level
Worldwide availability: A global network with local presence to serve our customers