



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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SubConn IL4M - 4-Pin Male Connector

The SubConn® IL4M is a 4-pin male inline wet-mateable connector engineered for demanding subsea environments where durable, sealed electrical connections are essential.

Commonly used in underwater video systems, oceanographic instruments, sensors, and diver communication systems, the IL4M ensures secure transmission of data, signal, or low-voltage power in fully submerged conditions.

With its gold-plated contacts and robust polyurethane construction, this connector delivers long-term corrosion resistance and electrical performance.

The wet-mateable design allows users to safely mate and unmate connectors underwater without compromising signal integrity or environmental sealing.





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SubConn® IL4M – 4-Pin Male Wet-Mateable Connector (Inline)



Technical	Specifications:
Series	SubConn® IL Series
Model	IL4M (or MCIL4M for bulkhead-style)
Connector Type	Inline Circular Connector, Male (Pin Contacts)
Number of Contacts	4
Gender	Male
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (as specified)
Mating Interface	Compatible with IL5F / MCIL5F (female connectors)
Operating Depth	600 meters standard (deeper ratings available)
Voltage Rating	Up to 300 V DC
Current Rating	Up to 5 A per contact
Ingress Protection	IP68 / Fully Submersible / Wet-Mateable
Operating Temp.	-20°C to +60°C
Contact Layout	Circular 4-pin configuration
Applications	Subsea Cameras, Sonar, Lighting, Diver Comms, Sensors

Key Features

- › **4-pin male connector** for reliable signal or low-voltage power distribution
- › **Wet-mateable inline design** supports underwater connections and removals
- › **Gold-plated contacts** provide excellent conductivity and corrosion resistance
- › Tough polyurethane housing withstands pressure, abrasion, and marine exposure
- › Compatible with **IL4F / MCIL4F** female connectors and standard SubConn® systems
- › Ideal for subsea video, data, power, and sensor integration applications





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Contact us



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