



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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## SubConn® IL3M – 3-Pin Male Wet-Mateable Connector (Inline)



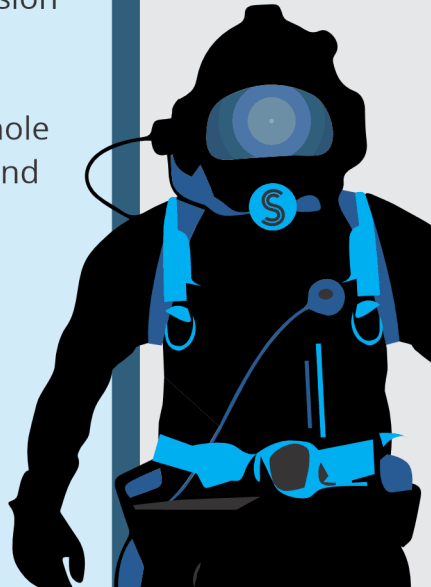
### SubConn IL-4M 4-Pin Male

The SubConn® IL3M is a 3-pin male inline wet-mateable connector designed for harsh subsea environments where sealed, reliable electrical connections are critical.

Commonly used in underwater lighting, sensors, cameras, and instruments, this connector is engineered for real-time signal or low-voltage power transmission in fully submerged conditions.

Although configured with 3 electrical contacts, the connector features a 4-hole interface layout, allowing for standardized mating, orientation alignment, and future flexibility across the SubConn® IL-series.

Its polyurethane housing and gold-plated contacts ensure long-term resistance to pressure, corrosion, and wear in deep water applications.





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ISO 45001:2018 OHSMS



Technical	Specifications:
Series	SubConn® IL Series
Model	IL3M (or MCIL3M for bulkhead-style)
Connector Type	Inline Circular Connector, Male (Pin Contacts)
Number of Contacts	3 Electrical Contacts
Mating Interface	4-pin circular layout (1 dummy/keying hole)
Gender	Male
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (as required)
Compatible Mates	IL3F / MCIL3F (female connectors)
Operating Depth	600 meters standard (custom deeper ratings)
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
Applications	Underwater Lights, Sensors, Cameras, Marine Robotics

## Key Features

- › **3 electrical** contacts in a **4-pin interface** for keyed, secure mating
- › **Wet-mateable inline** design allows reliable underwater connections
- › **Gold-plated contacts** for high signal integrity and corrosion protection
- › **Rugged polyurethane** housing for resistance to pressure and marine wear
- › Fully compatible with **IL3F / MCIL3F** SubConn® female connectors
- › Ideal for compact subsea tools, low-voltage power, and sensor arrays





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### Contact us



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