



SYNERGY

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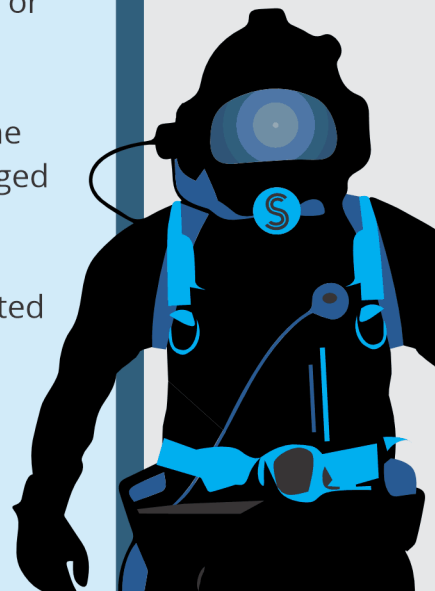
SubConn IL8M - 8-Pin Male Connector

The SubConn® IL8M is an 8-pin male inline wet-mateable connector, designed for harsh subsea environments where reliable, sealed electrical connections are required.

Commonly used in ROVs, underwater cameras, sonar systems, and oceanographic instruments, this connector supports real-time data, signal, or low-voltage power transmission.

Engineered with a durable polyurethane body, and gold-plated contacts, the IL8M delivers long-term reliability and corrosion resistance in fully submerged conditions.

The connector is wet-mateable, meaning it can be connected or disconnected underwater without compromising sealing or signal integrity.





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SubConn® IL8M – 8-Pin Male Wet-Mateable Connector (Inline)



Technical	Specifications:
Series	SubConn® IL Series
Model	IL8M (or MCIL8M for bulkhead-style)
Connector Type	Inline Circular Connector, Male (Pin Contacts)
Number of Contacts	8
Gender	Male
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (customer-specified length)
Mating Interface	Compatible with IL8F / MCIL8F (female) connectors
Operating Depth	600 meters standard (custom versions rated deeper)
Voltage Rating	Up to 300 V DC
Current Rating	Up to 5 A per contact
Ingress Protection	IP68 / Wet-Mateable / Fully Submersible
Operating Temperature	-20°C to +60°C (typical subsea operation)
Contact Layout	Circular 8-pin configuration
Applications	ROVs, AUVs, Subsea Cameras, Sensors, Oceanographic Equipment, Underwater Lights

Key Features

- › **8-pin male connector** for high-density subsea signal or low-voltage power connections
- › **Wet-mateable inline design** enables underwater mating without signal loss
- › **Gold-plated contacts** for high conductivity and corrosion resistance
- › **Durable polyurethane housing** withstands pressure & environmental stress
- › Mates with **IL8F / MCIL8F female connectors** from SubConn® or equivalent
- › Suitable for **real-time communication, power, and control** in submerged systems





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Contact us



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