



SYNERGY

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SubConn® IL8F – 8-Pin Female Wet-Mateable Connector (Inline)



SubConn IL8F - 8-Pin Female Connector

The SubConn® IL8F is an 8-pin female inline wet-mateable connector, purpose-built for subsea applications requiring rugged, sealed electrical connections.

Designed to perform in harsh marine environments, the IL8F is widely used in ROVs, underwater lights, subsea sensors, cameras, and acoustic devices.

Manufactured with a corrosion-resistant polyurethane body and gold-plated brass sockets, the IL8F offers long-term electrical stability, even under high pressure and continuous immersion.

As a wet-mateable connector, it allows for underwater mating and unmating without compromising signal integrity or environmental sealing.





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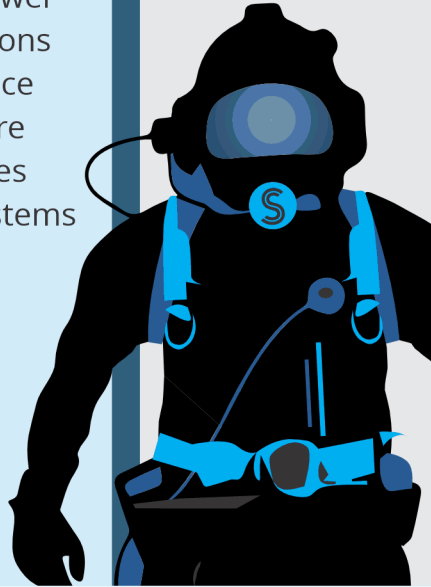
SubConn® IL8F – 8-Pin Female Wet-Mateable Connector (Inline)



Technical	Specifications:
Series	SubConn® IL Series
Model	IL8F (or MCIL8F for bulkhead-style)
Connector Type	Inline Circular Connector, Female (Socket Contacts)
Number of Contacts	8
Gender	Female
Contact Material	Brass, Gold-Plated
Body Material	Polyurethane (Black)
Cable Termination	Pigtail or Overmolded Cable (length per application)
Mating Interface	Compatible with IL8M / MCIL8M (male 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 8-socket configuration
Applications	ROVs, Subsea Cameras, Lights, Sensors, AUVs, Comms

Key Features

- › **8-socket female** connector for subsea signal, control, or low-voltage power
- › Wet-mateable design enables safe underwater connections/disconnections
- › Gold-plated contacts ensure reliable conductivity and corrosion resistance
- › Rugged polyurethane housing rated for continuous underwater exposure
- › Compatible with **IL8M / MCIL8M** and standard SubConn® interface types
- › Ideal for real-time data, power, and video in subsea instrumentation systems





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Contact us



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