



SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

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4-Pin Circular Connector – Female Socket, Panel Mount



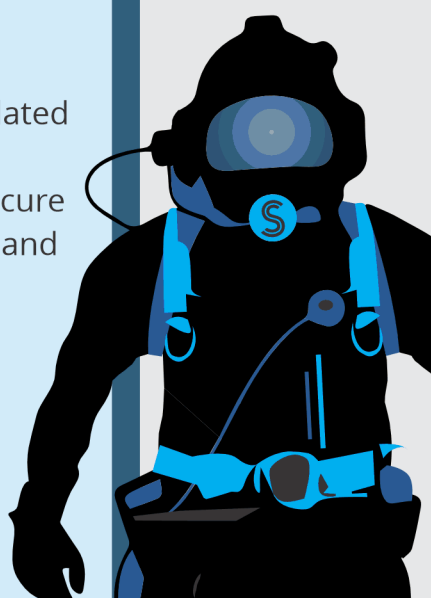
Amphenol 97 Series 4-Pin Circular Connector – Female Socket, Panel Mount

The Amphenol 97 Series 18S-10S Circular Connector is a rugged and versatile electrical connector designed for use in demanding environments such as industrial automation, military vehicles, aviation systems, and heavy equipment.

This model features a female socket with a flanged panel-mount configuration, providing secure, vibration-resistant installation.

The 18S-10S connector is built with a high-strength aluminum alloy shell, plated with olive drab cadmium, offering superior corrosion resistance and electromagnetic shielding. It utilizes a threaded coupling mechanism for secure mating and includes silver-plated contacts to ensure excellent conductivity and low contact resistance over time.

Solder-type terminations support dependable wire connections, and the connector accommodates standard wire sizes commonly used in control and power systems.





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4-Pin Circular Connector – Female Socket, Panel Mount



Technical	Specifications:
Manufacturer:	Amphenol
Series:	97
Part Number:	18S-10S
Connector Type:	Circular Connector – Socket (Female)
Mounting Style:	Panel Mount with Flange (4-hole)
Shell Size:	18S
Insert Arrangement:	10S
Termination Style:	Solder Cups
Contact Type:	Female
Contact Plating:	Silver-Plated
Contact Size:	16
Shell Material:	Aluminum Alloy
Shell Plating:	Cadmium, Olive Drab
Locking Mechanism:	Threaded Coupling (External Thread)
Orientation:	Straight
Rated Voltage:	500V AC / 700V DC
Rated Current:	Up to 13A
Operating Temperature Range:	-55°C to +125°C
Wire Size Supported:	0.5 – 1.5 mm ²
Protection Class:	When mated – IP67 (depending on backshell and sealing options)
Applications:	Military & Aerospace Systems, Industrial Control Panels, Robotics, Ground Vehicles, Power Distribution Modules





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4-Pin Circular Connector – Female Socket, Panel Mount

Contact us



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