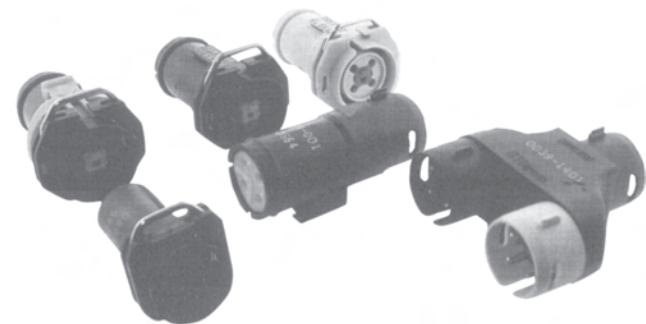


ADP BAYONET COUPLING ENVIRONMENTALLY SEALED CONNECTORS

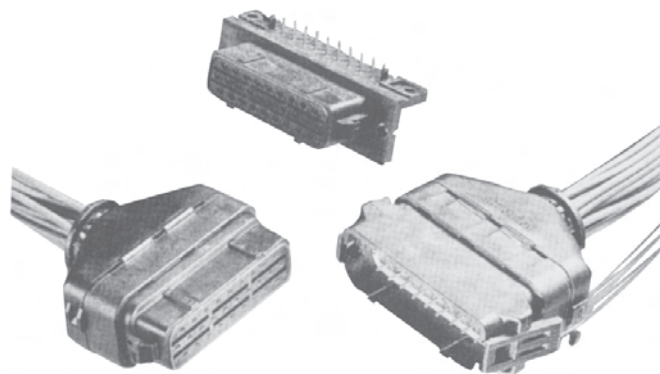
Think of the harshest environment on a vehicle. One that is subject to contaminants, vibration and shock. This is where APD longs to be. This direct, in-line and bulkhead sensor connectors resistant to engine, transmission and brake fluid—plus just about everything else Mother Nature can toss its way. It also boasts very low contact resistance, so you can benefit from maximum signal integrity. APD is available in 2, 3 and 4 position versions and has been designed to meet all DIN 72585 requirements. **FEATURES:** High performance engineered materials for continuous operation at -40° to 140°C . Environmentally sealed to IP69K. Individual wire seals. "B" crimp profile at pin and socket. Hand insertable contacts. Bayonet coupling. Coding with housings in four colours. Conduit flux tube termination with straight or 90° endbells. **SPECIFICATIONS:** Voltage: 48VDC max. Contact resistance: $3\text{m}\Omega$ max. Insulation resistance: $10\text{m}\Omega$ min. **MATERIALS:** Contacts: Copper alloy, stamped and formed. Contact area: Tin. **APPLICATIONS:** Sensors. Anti skip controls. ABS brake control. Magnetic vehicle control systems. Valve control (water, oil, air pressure). **NOTE: For more information and pricing contact your Electro Sonic sales representative.**



CLC IN-LINE AND Y-SPLICE CONNECTORS CLIP LOCK CIRCULAR (CLC) ENVIRONMENTAL MINIATURE SERIES

Cannon's Clip Lock Circular (CLC) environmental miniature connector and Y-splice series is designed to support electronic networks, sensors and actuators direct, in-line interconnect applications. Incorporating Cannon's field proven 1mm terminal system provides for a compact interconnect package. Its low contact resistance ensures maximum signal integrity for your critical electronic control applications. Cannon's 4 way splice connection system is designed to enhance the reliability of multiple wire splices in remote locations on Vehicle Wire Harnesses. CLC and Y-splice is one rugged connector system that can really take the heat, shock and vibration found in your harshest vehicle environments.

Its field-proven elastomeric seals provides excellent protection against the elements. In fact, CLC's Y-splice connector provides sealing protection up to 7-1/2 PSI (.51 bar). When your requirements call for unbeatable performance, CLC "lock" into a tightly sealed connection against harsh contaminants. **FEATURES:** Available with 2 to 4 terminals at 5 amp current rating. High performance engineering materials for continuous operation at -40°C at $+155^{\circ}\text{C}$. Low-profile connector clip lock with optional (CPA). "B" crimp pin and hooked socket terminals. Hand insertable and removable terminals. Integral terminal position assurance (TPA) device reinforces contact retention system. 3-way flexible polarization system. Optional multi-directional flexible end bells. **SPECIFICATIONS:** Voltage rating: 250VAC. Current rating: 5 amps continuous at 25°C (1mm terminals). **MATERIALS:** Base: Copper alloy. Contact clip lock: Passivated stainless steel. Crimp finish: Tin lead over nickel. **NOTE: For more information and pricing contact your Electro Sonic sales representative.**



SLE SNAP-LOCK ENVIRONMENTALLY SEALED RECTANGULAR CONNECTORS

The Snap-Lock Environmental Series is Cannon's newest environmentally sealed connector created for printed circuit board, blackbox, cable-to-cable or bulkhead applications. When your under-the-hood requirements call for tough performance, the SLE "snaps" into a tightly sealed connection that can withstand heat, shock and vibration. The connector is designed to preserve the integrity of the solid state package, while protecting against contaminants—even when unmated. Polarization, scoop-proofing and hand insertion of contacts are part of the package. Gold, tin/lead-plated stamped contacts add durability. A rugged, termoplastic receptacle body maximizes performance by withstanding temperature variances from -40°C to $+125^{\circ}\text{C}$. The SLE series is available in both 19 and 28 contact cavity configurations. It can also be adapted to robotic assembly. Should your requirement demand higher density configurations, consult our applications engineering staff. **FEATURES:** Superior environmental sealing. Current rating 5A and 13A versions. Low millivolt drop. Small footprint on P.C. board and low profile. 5-way alternate polarization. Integral mold latch. Adaptable to robotic assembly. Multi-direction, easily assembled endbells. Optional secondary bail latch. Latch with tactile and audible feedback. Low installed cost. Meets both signal and power requirements. Versatile cable strain relief, up, down, straight, left and right, flange/bulkhead. Connector mating assurance. **SPECIFICATIONS:** Contact resistance: 10 milliohms max. Dielectric withstanding voltage: 1000Vrms AC at sea level. Wire size: 20-16 AWG. Contact extraction: Rear removable. **MATERIALS:** Connector housing: High temperature thermoplastic. Contacts: Copper alloy. Environmental seal: High temperature silicone elastomer. **NOTE: For more information and pricing contact your Electro Sonic sales representative.**