M12 (X) Pin D Code Socket, Front Fastening (PG9/M16 Thread), Straight PCB Solder, Shielded

Part Number CC12-XXS-FD07-PBSX

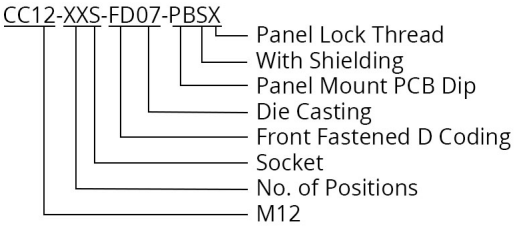
Issue 1.1

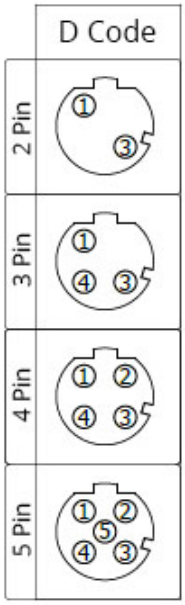
General Description

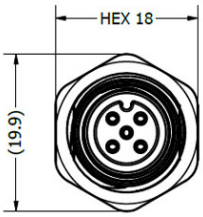
The CC12-XXS-FD07-PBSX is an M12 circular connector which is available with 2 to 5 pins and a shielding pin in a D coding. The connector features straight pins to the rear for mounting directly to a PCB. These connectors can be used in harsh environments and have an IP67 waterproof rating. The M12 size lends itself as a solution for power or signal solution for factory automation, agricultural applications, robotics and transportation.

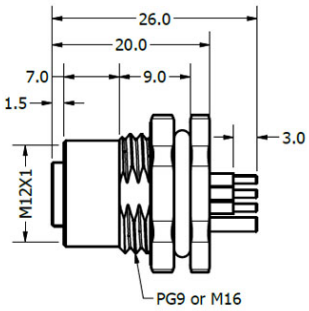


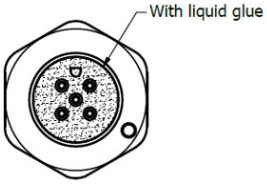
Specification	
Coding	D
Contact	2 to 5 Pins
Current Rating	4A AC/DC (2 to 5 Pins)
Voltage Rating	250V AC/DC (2 to 4 Pins) 60V AC/DC (5 Pins)
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Withstanding Voltage	500V AC/Minute (2 to 5 Pins)
Operating Temperature	-40°C to +100°C
Waterproof Rating	IP67
Material Plating	
Insulator	UL94V-0 Black
Connector Contacts	Brass Gold Plated
Seal Ring	Red Silicone
Shell	Zinc Alloy Nickel Plated
Nut	P9 or M16 Brass Nickel Plated











Drawing Issue 1.1

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