CAMBRIDGE ELECTRONIC INDUSTRIES

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

Part Number CC12-XXS-FX-PBX

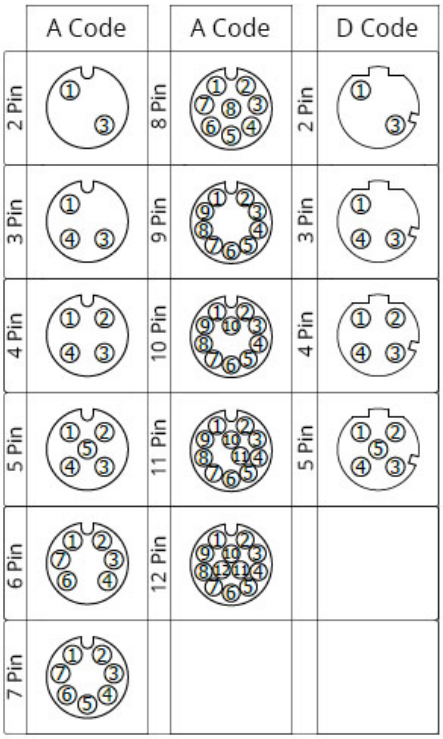
Issue 1.1

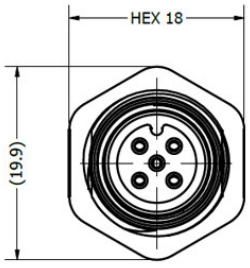
General Description

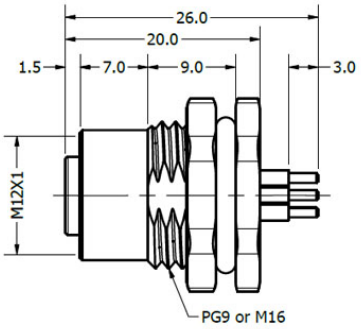
The CC12-XXS-FX-PBX is a M12 circular socket connector which is available with 2 to 12 pin options in an A and D coding. The connector features straight pins to the rear for mounting directly to a PCB. The M12 connectors are designed for use in industrial applications and feature a small and robust design which has a waterproof rating to IP67, which protects your equipment from entry of water or dust into your system.

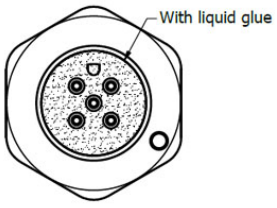


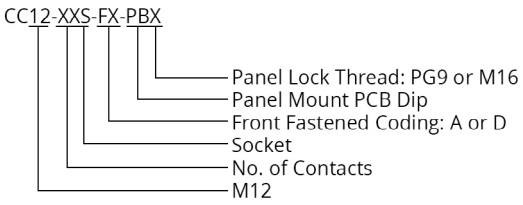
Specification	
Coding	A and D
Contact	2 to 12 Pins
Current Rating	4A AC/DC (2 to 5 Pins) 2A AC/DC (6 to 8 Pins) 1.5A AC/DC (9 to 12 Pins)
Voltage Rating	250V AC/DC (2 to 4 Pins) 60V AC/DC (5 Pins) 30V AC/DC (6 to 12 Pins)
Contact Resistance	≤5mΩ
Insulation Resistance	≥100MΩ
Withstanding Voltage	500V AC/Minute
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	Brass Nickel Plated
Nut	PG9 or M16 Brass Nickel Plated











Drawing Issue 1.1

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