

General Description

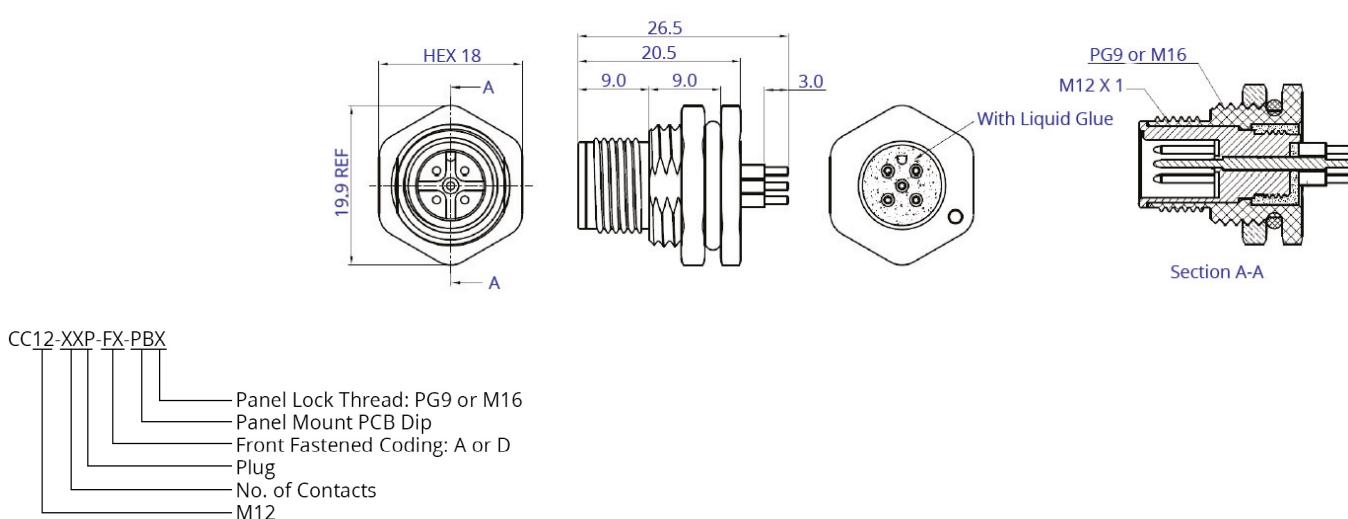
The CC12-XXP-FX-PBX is a M12 circular plug connector which is available with 2 to 12 pin options in an A and D coding. The connector features straight pins to the rear for mounting directly to a PCB. The M12 connectors are designed for use in industrial applications and feature a small and robust design 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	$\leq 5\text{m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
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



Pin Assignments Front View

A Coding				
	2 Pins	3 Pins	4 Pins	5 Pins
D Coding				
	6 Pins	7 Pins	8 Pins	9 Pins
D Coding				
	10 Pins	11 Pins	12 Pins	
D Coding				
	2 Pins	3 Pins	4 Pins	5 Pins



Drawing Issue 1.0