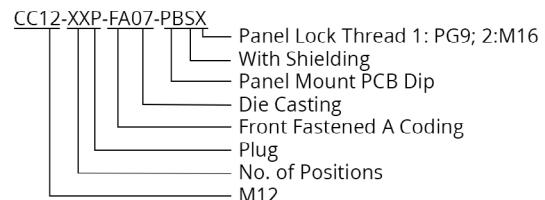


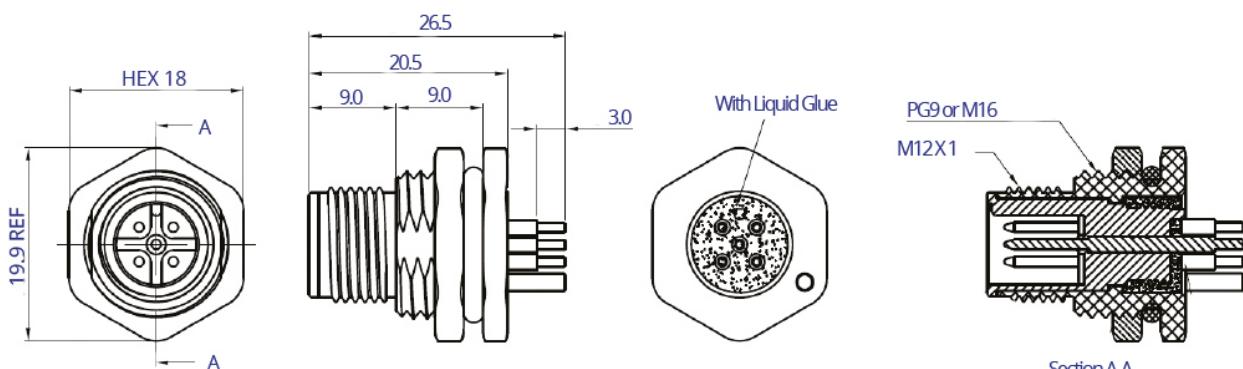
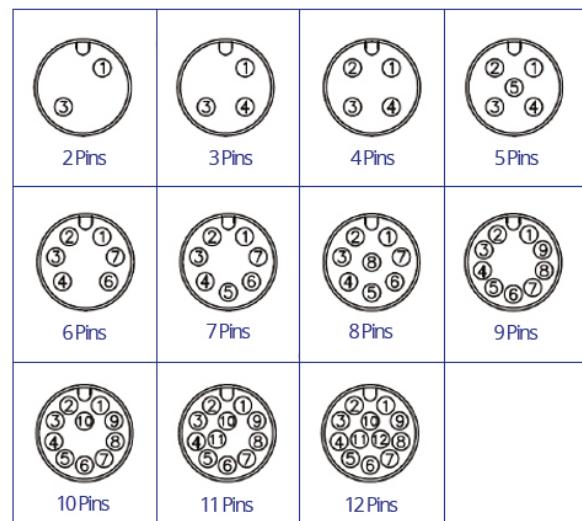
General Description

The CC12-XXP-FA07-PBSX is an M12 circular plug connector which is available with 2 to 12 pins and a shielding pin. The connector is an A coding and is supplied with either a PG9 or M16 lock thread nut. The connector features straight pins to the rear for mounting directly to a PCB. With IP67 waterproof rating, these small circular connectors can be used for sensors and power connections as well as in PROFINET, field bus, CAN bus and DeviceNet applications.

Specification	
Coding	A
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
Shell	Brass Nickel Plated



Pin Assignments Front View



Drawing Issue 1.0