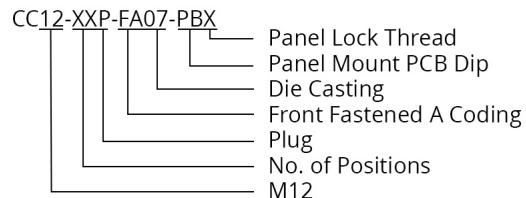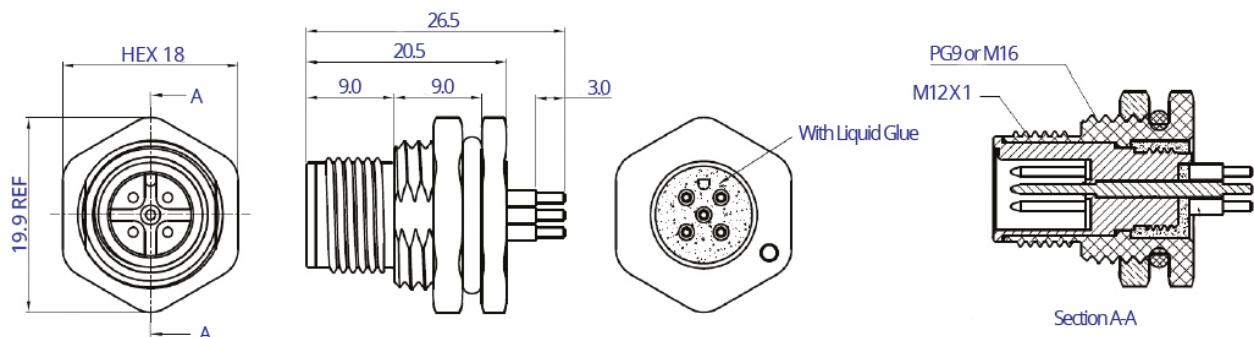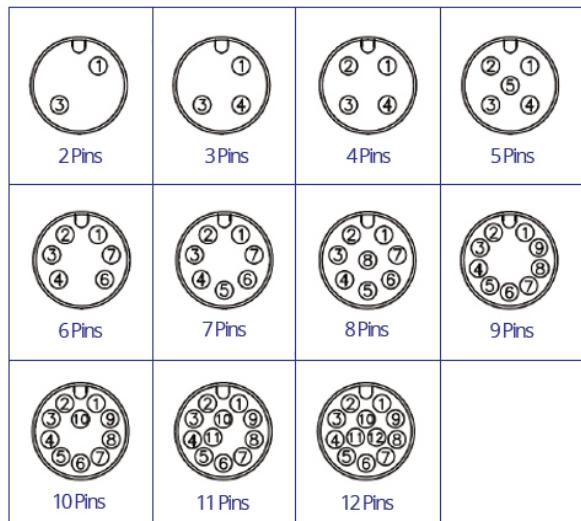## General Description

The CC12-XXP-FA07-PBX is a M12 circular plug connector which is available with 2 to 12 pins. The connectors 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	≤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
Shell	Brass Nickel Plated

CC12-XXP-FA07-PBX
— Panel Lock Thread
— Panel Mount PCB Dip
— Die Casting
— Front Fastened A Coding
— Plug
— No. of Positions
— M12

Pin Assignments Front View

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

HEX 18
A
19.9 REF
A

26.5
20.5
9.0
9.0
3.0

With Liquid Glue

PG9 or M16
M12X1
Section A-A

Drawing Issue 1.0

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