

## General Description

The CC12-XXP-FX-PMX is a M12 circular plug connector which is available with 2 to 12 pin options in an A and D coding. The connector features solder buckets to the rear for cable mounting. The connector is available as a stand alone unit or as part of a standard ready made cable assembly as part number SCA12-XXPFXX-XXXX or a bespoke cable assembly with other terminations completing the other end. The connector has the IP67 waterproof rating.

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
Shell	Brass Nickel Plated
Nut	P9 or M16 Brass Nickel Plated



Pin Assignments Front View

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

