

M12 Cable Mounted Socket

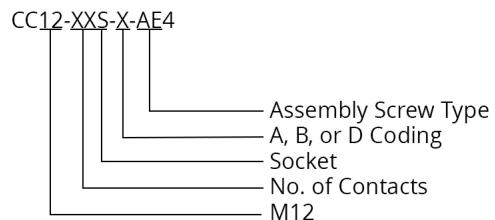
Part Number CC12-XXS-X-AE4

Issue 1.0

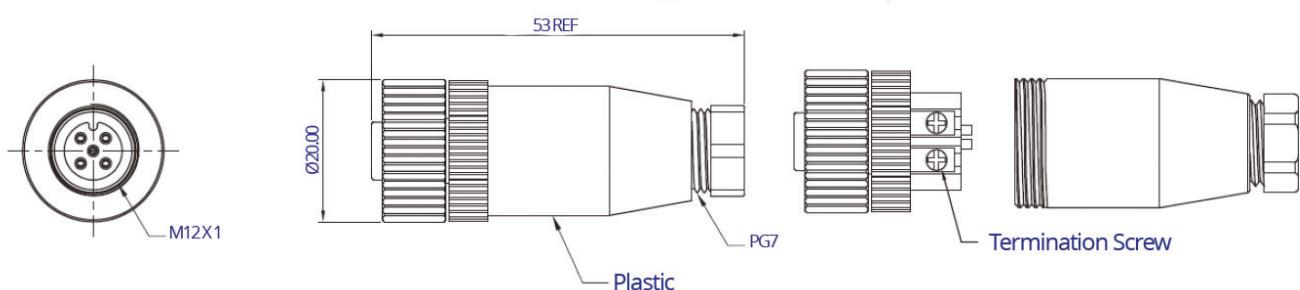
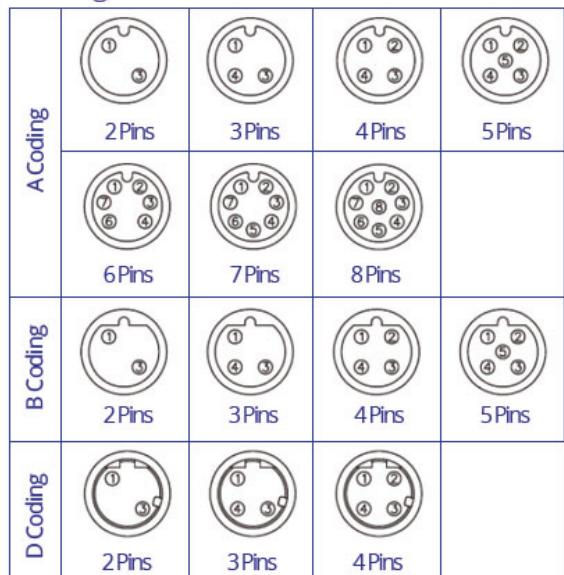
General Description

The CC12-XXS-X-AE4 is a cable mounted M12 connector. It is available in A, B and D Coding and has a screw termination style for easy connection onto a cable of between 4 and 6mm in diameter. The connector can be purchased as a loose connector or as part of a bespoke cable assembly. This connector can be used for power or signal connections and is rated as IP67, so can be used in damp or dusty environments whilst assuring protection from the elements for your equipment.

Specification	
Coding	A, B and D
Contact	2 to 8 Pins
Current Rating	4A AC/DC (2 to 5 Pins) 2A AC/DC (6 to 8 Pins)
Voltage Rating	250V AC/DC (2 to 4 Pins) 60V AC/DC (5 Pins) 30V AC/DC (6 to 8 Pins)
Contact Resistance	$\leq 10\text{m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Withstanding Voltage	500V AC/Minute
Operating Temperature	-25°C to +85°C
Waterproof Rating	IP67
Material Plating	
Insulator	UL94V-0 Black
Connector Contacts	Brass Gold Plated
Coupling Screw	Brass, Nickel Plated
Outer Shell	Nylon Black



Pin Assignments Front View



Drawing Issue 1.0



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