

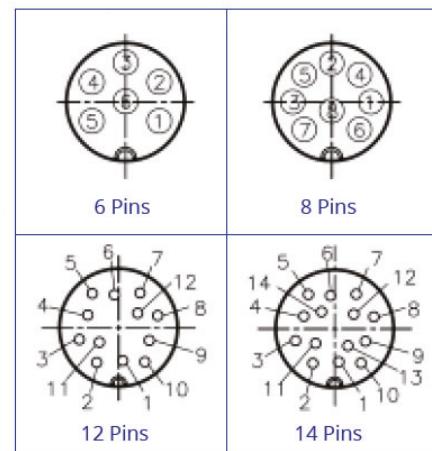
## General Description

The CC16-XXP-FA-PB9 is a M16 circular plug connector which is available with 6, 8, 12 and 14 pin options in an A. The connector features straight pins to the rear for mounting directly to a PCB. The M16 connectors offer a IP67 waterproof rating and is an ideal solution for ensuring that power and signal connections are not compromised in harsh environments and industrial applications.

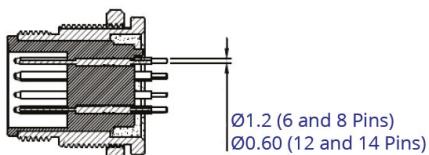
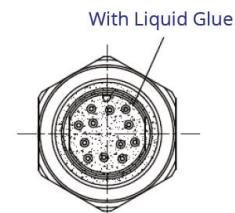
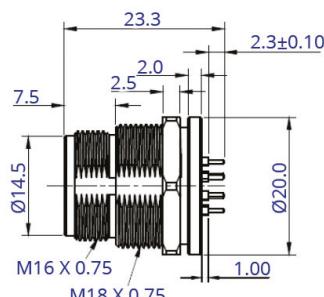
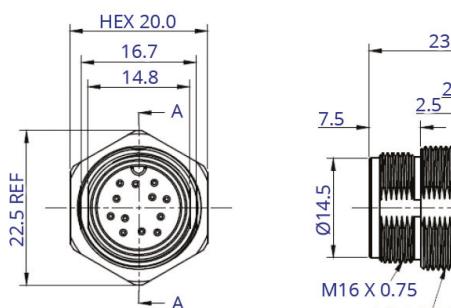
Specification	
Coding	A
Contact	6, 8,12 and 14 Pins
Current Rating	5A AC/DC (6 to 8 Pins) 3A AC/DC (12 to 14 Pins)
Voltage Rating	60V AC/DC
Contact Resistance	$\leq 5\text{m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega$
Withstanding Voltage	500V AC/Minute
Operating Temperature	-40°C to +100°C
Waterproof Rating	IP67
Material Plating	
Insulator	Nylon UL94V-0 Black
Connector Contacts	Brass Gold Plated
Shell	Brass Nickel Plated
Nut	M18 Brass Nickel Plated



Pin Assignments Front View



CC16-XXP-FA-PB90XX  
 Blank: Gold Plated 3u", 15: Gold Plated 15u"  
 M18  
 Panel Mount PCB Dip  
 A Coding  
 Plug  
 No. of Contacts  
 M16



Section A-A

Drawing Issue 1.0