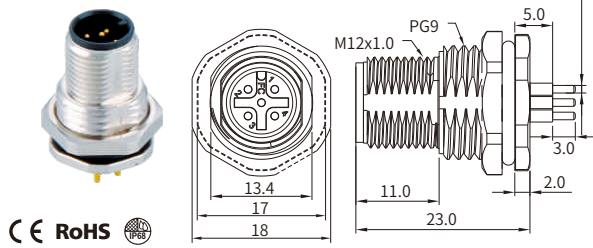


# M12 A-coding (Sensor and Actuator)

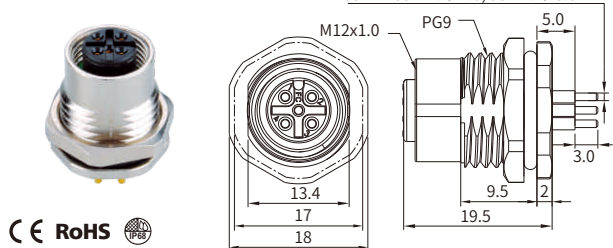
## M12 A-coding Straight Connector, Panel Mount, Die-cast Screw, PCB Type, Front fastened

Male



CE RoHS

Female



CE RoHS

### Specifications

Contacts	3	4	5	8
Certification	cUL US CYJV2(CYJV8).E321413		cUL US CYJV(CYJV7).E321413	
Pin layout(Male)				
Pin layout(Female)				
Standard	IEC 61076-2-101			
Ambient temperature	-25°C ~ +90°C			
Connector insert	PA			
Connector contacts	Brass with gold plated			
Coupling nut/screw	Zinc alloy with nickel plated			
Seal/O-ring	Epoxy resin / FKM			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Earth tag/pin	Unavailable			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2A
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC
Panel cut-out	Refer to page 384			
PCB layout	Refer to page 383			

### Part Number

Pins	Male	Female
	PG9	PG9
3	MB12MBAFHD03ST-3	MB12FBAFHD03ST-3
4	MB12MBAFHD04ST-3	MB12FBAFHD04ST-3
5	MB12MBAFHD05ST-3	MB12FBAFHD05ST-3
8	MB12MBAFHD08ST-3	MB12FBAFHD08ST-3