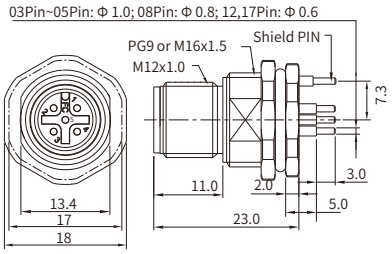
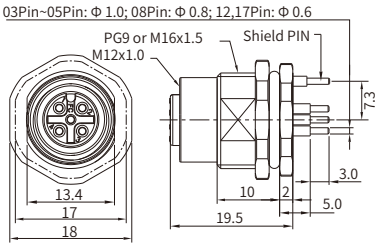
M12 A-coding (Sensor and Actuator)

M12 A-coding Straight Connector, Panel Mount, PCB Type, Front Fastened, With Earth Pin

Male



Female



CE RoHS IP68

Specifications

Contacts	3	4	5	8	12	17
Certification	cULus CYJV2(CYJV8).E321413		cULus LISTED CYJV(CYJV7).E321413		cULus LISTED CYJV(CYJV7).E321413	
Pin layout(Male)						
Pin layout(Female)						
Standard	IEC 61076-2-101					
Ambient temperature	-20°C ~ +90°C					
Connector insert	PA+GF					
Connector contacts	Brass with gold plated					
Coupling nut/screw	Brass with nickel plated					
Seal/O-ring	Epoxy resin / FKM					
Insulation resistance	⩾100MΩ					
Contact resistance	⩽5mΩ					
Earth tag/pin	Available					
IP rating	IP67, IP68 in locked condition					
Mating endurance	>500 cycles					
Rated current	4 A			2A	1.5A	
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC	30V AC/DC	
Panel cut-out	Refer to page 384					
PCB layout	Refer to page 383					

Part Number

Pins	Male		Female	
	M16x1.5	PG9	M16x1.5	PG9
3	MB12MBSAFF03ST-2-s	MB12MBSAFF03ST-3-s	MB12FBSAFF03ST-2-s	MB12FBSAFF03ST-3-s
4	MB12MBSAFF04ST-2-s	MB12MBSAFF04ST-3-s	MB12FBSAFF04ST-2-s	MB12FBSAFF04ST-3-s
5	MB12MBSAFF05ST-2-s	MB12MBSAFF05ST-3-s	MB12FBSAFF05ST-2-s	MB12FBSAFF05ST-3-s
8	MB12MBSAFF08ST-2-s	MB12MBSAFF08ST-3-s	MB12FBSAFF08ST-2-s	MB12FBSAFF08ST-3-s
12	MB12MBSAFF12ST-2-s	MB12MBSAFF12ST-3-s	MB12FBSAFF12ST-2-s	MB12FBSAFF12ST-3-s
17	MB12MBSAFF17ST-2-s	MB12MBSAFF17ST-3-s	MB12FBSAFF17ST-2-s	MB12FBSAFF17ST-3-s