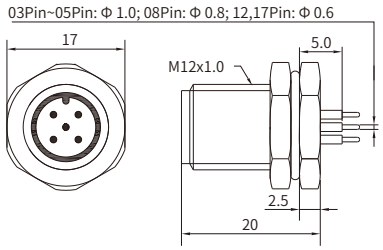
M12 A-coding (Sensor and Actuator)

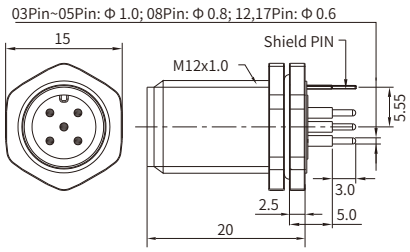
M12 A-coding Straight Connector, Panel Mount, PCB Type, Front fastened

Male Unshielded



CE RoHS

Male Shielded



CE RoHS

Specifications

Contacts	3	4	5	8	12	17
Certification	CYJV2(CYJV8).E321413		CYJV(CYJV7).E321413		CYJV(CYJV7).E321413	
Pin layout(Male)						
Standard	IEC 61076-2-101					
Ambient temperature	-25°C ~ +90°C					
Connector insert	TPU					
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	Unavailable / 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	
	Unshielded	Shielded
3	MB12MBAFF03ST-0	MB12MBSAFF03ST-0
4	MB12MBAFF04ST-0	MB12MBSAFF04ST-0
5	MB12MBAFF05ST-0	MB12MBSAFF05ST-0
8	MB12MBAFF08ST-0	MB12MBSAFF08ST-0
12	MB12MBAFF12ST-0	MB12MBSAFF12ST-0
17	MB12MBAFF17ST-0	MB12MBSAFF17ST-0