

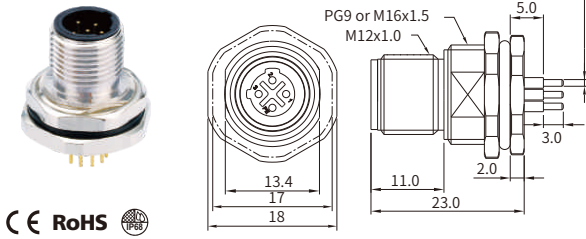
M12 C-coding (Power)



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

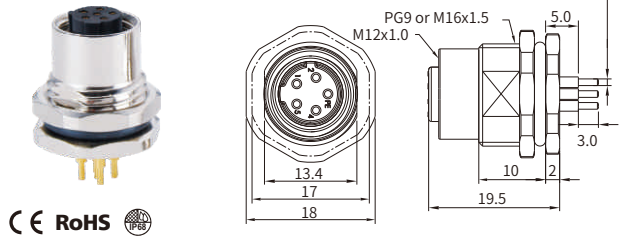
Male

03Pin-04Pin: Φ 1.0; 05Pin-06Pin: Φ 0.8



Female

03Pin-04Pin: Φ 1.0; 05Pin-06Pin: Φ 0.8



Specifications

Contacts	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Certification	CYJV2(CYJV8).E321413			
Pin layout(Male)				
Pin layout(Female)				
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	$\geq 100M\Omega$			
Contact resistance	$\leq 5m\Omega$			
Earth tag/pin	Unavailable			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A		2 A	
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	
	M16x1.5	PG9	M16x1.5	PG9
3	MB12MBCFF03ST-2	MB12MBCFF03ST-3	MB12FBCFF03ST-2	MB12FBCFF03ST-3
4	MB12MBCFF04ST-2	MB12MBCFF04ST-3	MB12FBCFF04ST-2	MB12FBCFF04ST-3
5	MB12MBCFF05ST-2	MB12MBCFF05ST-3	MB12FBCFF05ST-2	MB12FBCFF05ST-3
6	MB12MBCFF06ST-2	MB12MBCFF06ST-3	MB12FBCFF06ST-2	MB12FBCFF06ST-3