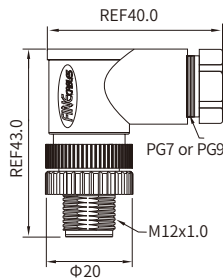


M12 A-coding (Sensor and Actuator)

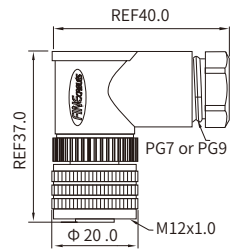


M12 A-coding Angled Connector, Field Wireable Assembly, Screw joint

Male



Female



Specifications

Contacts	3	4	5	8
Certification	UL LISTED CYJV(CYJV7).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			
Connector body	PA+GF			
Coupling nut/screw	Aluminum Alloy anodized			
Seal/O-ring	FKM			
Insulation resistance	≥100MΩ			
Contact resistance	≤5mΩ			
Shielding	Unavailable			
Suitable cable Dia	PG7: 4~6mm / PG9: 6~8mm			
IP rating	IP67, IP68 in locked condition			
Mating endurance	>500 cycles			
Rated current	4 A			2A
Rated voltage	250V AC/DC			30V AC/DC
Wire gauge	0.34mm ² (AWG22)			0.25mm ² (AWG24)

Part Number

Pins	Male		Female	
	PG9	PG7	PG9	PG7
3	MB12MWAFF03RA-3	MB12MWAFF03RA-4	MB12FWAFF03RA-3	MB12FWAFF03RA-4
4	MB12MWAFF04RA-3	MB12MWAFF04RA-4	MB12FWAFF04RA-3	MB12FWAFF04RA-4
5	MB12MWAFF05RA-3	MB12MWAFF05RA-4	MB12FWAFF05RA-3	MB12FWAFF05RA-4
8	MB12MWAFF08RA-3	MB12MWAFF08RA-4	MB12FWAFF08RA-3	MB12FWAFF08RA-4

Assembly Instruction

