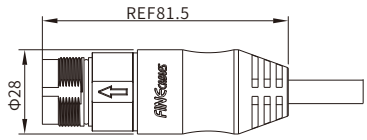
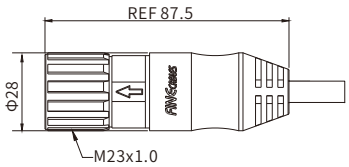
M23 Power

M23 Straight Connector, Molded Cable, Crimp Coupling screw/nut

Male



Female



CE RoHS IP68

CE RoHS IP68

Specifications

Contacts	6(5+PE)	8(4+3+PE)		
Pin layout(Male)				
Pin layout(Female)				
Connector overmold	TPU			
Connector insert	PA			
Connector contacts	Brass with gold plated			
Coupling screw	Zinc alloy with nickel plated			
Seal / O-ring	FKM or NBR			
Mating Endurance	>800			
Insulation resistance	⩾1000MΩ			
Contact resistance	⩽5mΩ			
Ambient temperature	-25°C ~ +85°C (flexible installation) ,-40°C ~ +85°C (fixed installation)			
Shielding	Available/Unavailable			
IP rating	IP68 in locked condition			
Cable OD range	2.0~13			
Number of positions	6(5+PE)	8(4+3+PE)		
Contacts	5+PE	4	3	PE
Contact OD(mm)	2.0(0.25~4.0mm²)	1.0(0.08~1.0mm²)	2.0(0.25~4.0mm²)	
Rated current @ 20°C(A)	30	9	30	
Rated Voltage(V)	630	250	630	
Impulse voltage(V)	6000	4000	6000	
Overvoltage category	II			
Pollution Degree	III			
Default wire colors	Refer to page 474			

Part Number

Pins	Cable length	Connection Type	Male		Female	
			PVC	PUR	PVC	PUR
6(5+PE)	3m	Unshielded	M23-MPSPST06A-C30	M23-MPSPST06A-A30	M23-MPNSST06A-C30	M23-MPNSST06A-A30
	3m	Shielded	M23-MPSSPST06A-C30	M23-MPSSPST06A-A30	M23-MPNSSST06A-C30	M23-MPNSSST06A-A30
8(4+3+PE)	3m	Unshielded	M23-MPSPST08A-C30	M23-MPSPST08A-A30	M23-MPNSST08A-C30	M23-MPNSST08A-A30
	3m	Shielded	M23-MPSSPST08A-C30	M23-MPSSPST08A-A30	M23-MPNSSST08A-C30	M23-MPNSSST08A-A30