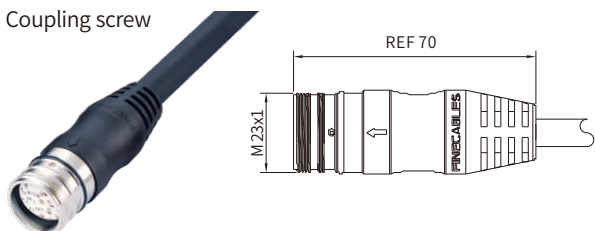


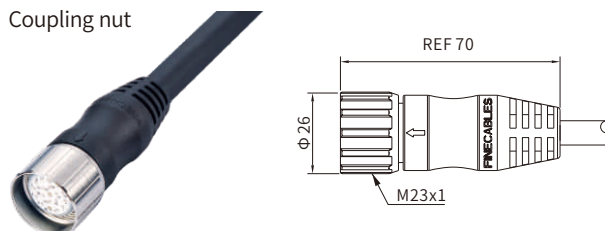
M23 Straight Connector, Molded Cable, Female Unshielded, Coupling screw/nut

Coupling screw



CE RoHS

Coupling nut



CE RoHS

Specifications

Contacts	6A	7A	9A	9B	9C	12A	12B	16A	17A	17B	19A			
Pin layout(Female)														
Connector overmold	TPU													
Connector insert	PA													
Connector contacts	Brass with gold plated													
Coupling nut/screw	Brass with nickel plated													
Seal/O-ring	FKM or NBR													
Mating Endurance	>800													
Insulation resistance	≥100MΩ													
Contact resistance	≤5mΩ													
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)													
Shielding	Unavailable													
IP rating	IP67, IP68 in locked condition													
Cable OD range	2.0~13mm													
Number of positions	6,7		9(8+1)/(6+3)			12		16		17		19(16+3)		
Contacts	6,7		8 / 6		1 / 3		12		16		17		16 3	
Contact OD(mm)	2.0(14AWG)		1.0(18AWG)		2.0(14AWG)		1.0(18AWG)		1.0(18AWG)		1.0(18AWG)		1.0(18AWG) 1.5(16AWG)	
Rated current @ 20°C(A)	20		8		20		8		8		8		8 10	
Rated Voltage(V)	300		300		300		300		160		160		160 160	
Impulse voltage(V)	2500		2500		2500		1500		1500		1500		1500 1500	
Overvoltage category	II													
Pollution Degree	III													
Default wire colors	Refer to page 474													

Part Number

Pins	Cable length	Connection Type	Coupling screw		Coupling nut	
			PVC	PUR	PVC	PUR
6A	3m	solder	M23-MSSSST06A-C30	M23-MSSSST06A-A30	M23-MSNSST06A-C30	M23-MSNSST06A-A30
	3m	crimp	M23-MSSCSST06A-C30	M23-MSSCSST06A-A30	M23-MSNCSST06A-C30	M23-MSNCSST06A-A30
7A	3m	solder	M23-MSSSST07A-C30	M23-MSSSST07A-A30	M23-MSNSST07A-C30	M23-MSNSST07A-A30
	3m	crimp	M23-MSSCSST07A-C30	M23-MSSCSST07A-A30	M23-MSNCSST07A-C30	M23-MSNCSST07A-A30
9A	3m	solder	M23-MSSSST09A-C30	M23-MSSSST09A-A30	M23-MSNSST09A-C30	M23-MSNSST09A-A30
	3m	crimp	M23-MSSCSST09A-C30	M23-MSSCSST09A-A30	M23-MSNCSST09A-C30	M23-MSNCSST09A-A30
9B	3m	solder	M23-MSSSST09B-C30	M23-MSSSST09B-A30	M23-MSNSST09B-C30	M23-MSNSST09B-A30
	3m	crimp	M23-MSSCSST09B-C30	M23-MSSCSST09B-A30	M23-MSNCSST09B-C30	M23-MSNCSST09B-A30
9C	3m	solder	M23-MSSSST09C-C30	M23-MSSSST09C-A30	M23-MSNSST09C-C30	M23-MSNSST09C-A30
	3m	crimp	M23-MSSCSST09C-C30	M23-MSSCSST09C-A30	M23-MSNCSST09C-C30	M23-MSNCSST09C-A30
12A	3m	solder	M23-MSSSST12A-C30	M23-MSSSST12A-A30	M23-MSNSST12A-C30	M23-MSNSST12A-A30
	3m	crimp	M23-MSSCSST12A-C30	M23-MSSCSST12A-A30	M23-MSNCSST12A-C30	M23-MSNCSST12A-A30
12B	3m	solder	M23-MSSSST12B-C30	M23-MSSSST12B-A30	M23-MSNSST12B-C30	M23-MSNSST12B-A30
	3m	crimp	M23-MSSCSST12B-C30	M23-MSSCSST12B-A30	M23-MSNCSST12B-C30	M23-MSNCSST12B-A30
16A	3m	solder	M23-MSSSST16A-C30	M23-MSSSST16A-A30	M23-MSNSST16A-C30	M23-MSNSST16A-A30
	3m	crimp	M23-MSSCSST16A-C30	M23-MSSCSST16A-A30	M23-MSNCSST16A-C30	M23-MSNCSST16A-A30
17A	3m	solder	M23-MSSSST17A-C30	M23-MSSSST17A-A30	M23-MSNSST17A-C30	M23-MSNSST17A-A30
	3m	crimp	M23-MSSCSST17A-C30	M23-MSSCSST17A-A30	M23-MSNCSST17A-C30	M23-MSNCSST17A-A30
17B	3m	solder	M23-MSSSST17B-C30	M23-MSSSST17B-A30	M23-MSNSST17B-C30	M23-MSNSST17B-A30
	3m	crimp	M23-MSSCSST17B-C30	M23-MSSCSST17B-A30	M23-MSNCSST17B-C30	M23-MSNCSST17B-A30
19A	3m	solder	M23-MSSSST19A-C30	M23-MSSSST19A-A30	M23-MSNSST19A-C30	M23-MSNSST19A-A30
	3m	crimp	M23-MSSCSST19A-C30	M23-MSSCSST19A-A30	M23-MSNCSST19A-C30	M23-MSNCSST19A-A30