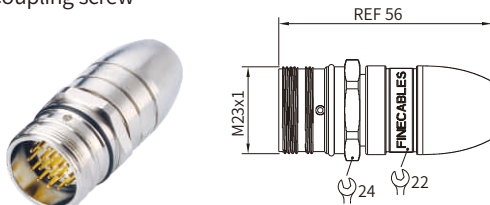
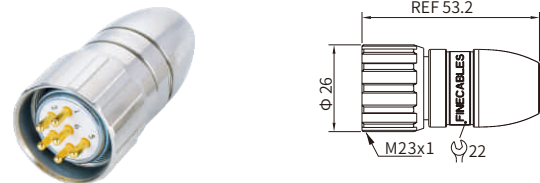


## M23 Straight Connector, Assembly, Male, Shielded, Coupling screw/nut

Coupling screw



Coupling nut



### Specifications

Contacts	6A	7A	9A	9B	9C	12A	12B	16A	17A	17B	19A
Certification	ECBT2(ECBT8).E473386										
Pin layout(Male)											
Connector insert	PA										
Connector contacts	Brass with gold plated										
Coupling nut/screw	Brass with nickel plated										
Connector body	Brass/Zinc alloy with nickel plated										
Seal/O-ring	FKM or NBR										
Mating Endurance	>800										
Insulation resistance	≥100MΩ										
Contact resistance	≤5mΩ										
Ambient temperature	-40°C ~ +125°C										
Shielding	Available										
IP rating	IP67, IP68 in locked condition										
Cable OD range	2.0-11.4mm										
Assembly Instruction	Refer to page 475-477										
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) / 1.5(16AWG)
Rated current @ 20°C(A)	20		8		20		8		8		8 / 10
Rated Voltage(V)	300		300		300		300		160		160 / 160
Impulse voltage(V)	2500		2500		2500		1500		1500		1500 / 1500
Overvoltage category	II										
Pollution Degree	III										

### Part Number

Note: XX for cable OD. 01: 5.0-6.0; 02: 6.0-7.0; 03: 7.0-8.0; 04: 8.0-9.0; 05: 9.0-10.0

Pins	Coupling screw		Coupling nut	
	Solder	Crimp	Solder	Crimp
6A	M23-SSSPST06A-XX	M23-SSSCPST06A-XX	M23-SNSPST06A-XX	M23-SNSCPST06A-XX
7A	M23-SSSPST07A-XX	M23-SSSCPST07A-XX	M23-SNSPST07A-XX	M23-SNSCPST07A-XX
9A	M23-SSSPST09A-XX	M23-SSSCPST09A-XX	M23-SNSPST09A-XX	M23-SNSCPST09A-XX
9B	M23-SSSPST09B-XX	M23-SSSCPST09B-XX	M23-SNSPST09B-XX	M23-SNSCPST09B-XX
9C	M23-SSSPST09C-XX	M23-SSSCPST09C-XX	M23-SNSPST09C-XX	M23-SNSCPST09C-XX
12A	M23-SSSPST12A-XX	M23-SSSCPST12A-XX	M23-SNSPST12A-XX	M23-SNSCPST12A-XX
12B	M23-SSSPST12B-XX	M23-SSSCPST12B-XX	M23-SNSPST12B-XX	M23-SNSCPST12B-XX
16A	M23-SSSPST16A-XX	M23-SSSCPST16A-XX	M23-SNSPST16A-XX	M23-SNSCPST16A-XX
17A	M23-SSSPST17A-XX	M23-SSSCPST17A-XX	M23-SNSPST17A-XX	M23-SNSCPST17A-XX
17B	M23-SSSPST17B-XX	M23-SSSCPST17B-XX	M23-SNSPST17B-XX	M23-SNSCPST17B-XX
19A	M23-SSSPST19A-XX	M23-SSSCPST19A-XX	M23-SNSPST19A-XX	M23-SNSCPST19A-XX