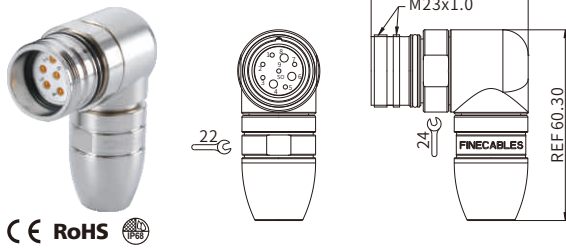


# M23 Signal

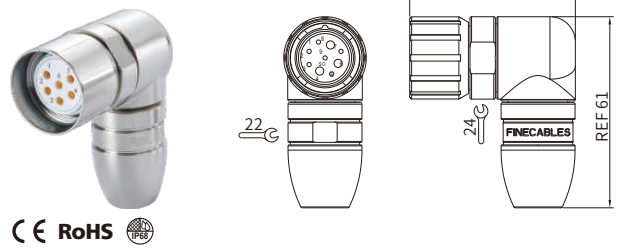


## M23 Right Angle Connector, Assembly, Coupling nut

Coupling screw



Coupling nut



### Specifications

Contacts	6A	7A	9A	9B	9C	12A	12B	16A	17A	17B	19A
Certification	ECBT2(ECBT8).E473386										
Pin layout(Female)											
Connector insert	PA										
Connector contacts	Brass with gold plated										
Coupling nut/screw	Brass with nickel plated										
Connector body	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 477~478										
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-SSSSRA06A-XX	M23-SSSCSRA06A-XX	M23-SNSSRA06A-XX	M23-SNSCSRA06A-XX
7A	M23-SSSSRA07A-XX	M23-SSSCSRA07A-XX	M23-SNSSRA07A-XX	M23-SNSCSRA07A-XX
9A	M23-SSSSRA09A-XX	M23-SSSCSRA09A-XX	M23-SNSSRA09A-XX	M23-SNSCSRA09A-XX
9B	M23-SSSSRA09B-XX	M23-SSSCSRA09B-XX	M23-SNSSRA09B-XX	M23-SNSCSRA09B-XX
9C	M23-SSSSRA09C-XX	M23-SSSCSRA09C-XX	M23-SNSSRA09C-XX	M23-SNSCSRA09C-XX
12A	M23-SSSSRA12A-XX	M23-SSSCSRA12A-XX	M23-SNSSRA12A-XX	M23-SNSCSRA12A-XX
12B	M23-SSSSRA12B-XX	M23-SSSCSRA12B-XX	M23-SNSSRA12B-XX	M23-SNSCSRA12B-XX
16A	M23-SSSSRA16A-XX	M23-SSSCSRA16A-XX	M23-SNSSRA16A-XX	M23-SNSCSRA16A-XX
17A	M23-SSSSRA17A-XX	M23-SSSCSRA17A-XX	M23-SNSSRA17A-XX	M23-SNSCSRA17A-XX
17B	M23-SSSSRA17B-XX	M23-SSSCSRA17B-XX	M23-SNSSRA17B-XX	M23-SNSCSRA17B-XX
19A	M23-SSSSRA19A-XX	M23-SSSCSRA19A-XX	M23-SNSSRA19A-XX	M23-SNSCSRA19A-XX