

# M23 Signal

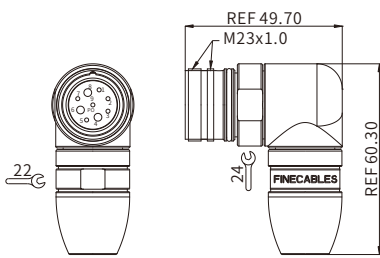


## M23 Right Angle Connector, Assembly, Coupling screw

Coupling screw



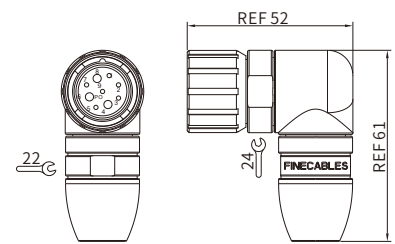
CE RoHS



Coupling nut



CE RoHS



### 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	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-SSSPRA06A- <u>XX</u>	M23-SSSCPRA06A- <u>XX</u>	M23-SNSPRA06A- <u>XX</u>	M23-SNSCPRA06A- <u>XX</u>
7A	M23-SSSPRA07A- <u>XX</u>	M23-SSSCPRA07A- <u>XX</u>	M23-SNSPRA07A- <u>XX</u>	M23-SNSCPRA07A- <u>XX</u>
9A	M23-SSSPRA09A- <u>XX</u>	M23-SSSCPRA09A- <u>XX</u>	M23-SNSPRA09A- <u>XX</u>	M23-SNSCPRA09A- <u>XX</u>
9B	M23-SSSPRA09B- <u>XX</u>	M23-SSSCPRA09B- <u>XX</u>	M23-SNSPRA09B- <u>XX</u>	M23-SNSCPRA09B- <u>XX</u>
9C	M23-SSSPRA09C- <u>XX</u>	M23-SSSCPRA09C- <u>XX</u>	M23-SNSPRA09C- <u>XX</u>	M23-SNSCPRA09C- <u>XX</u>
12A	M23-SSSPRA12A- <u>XX</u>	M23-SSSCPRA12A- <u>XX</u>	M23-SNSPRA12A- <u>XX</u>	M23-SNSCPRA12A- <u>XX</u>
12B	M23-SSSPRA12B- <u>XX</u>	M23-SSSCPRA12B- <u>XX</u>	M23-SNSPRA12B- <u>XX</u>	M23-SNSCPRA12B- <u>XX</u>
16A	M23-SSSPRA16A- <u>XX</u>	M23-SSSCPRA16A- <u>XX</u>	M23-SNSPRA16A- <u>XX</u>	M23-SNSCPRA16A- <u>XX</u>
17A	M23-SSSPRA17A- <u>XX</u>	M23-SSSCPRA17A- <u>XX</u>	M23-SNSPRA17A- <u>XX</u>	M23-SNSCPRA17A- <u>XX</u>
17B	M23-SSSPRA17B- <u>XX</u>	M23-SSSCPRA17B- <u>XX</u>	M23-SNSPRA17B- <u>XX</u>	M23-SNSCPRA17B- <u>XX</u>
19A	M23-SSSPRA19A- <u>XX</u>	M23-SSSCPRA19A- <u>XX</u>	M23-SNSPRA19A- <u>XX</u>	M23-SNSCPRA19A- <u>XX</u>