

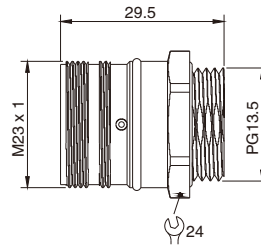
## M23 Signal Panel Mount, Solder, Rear mount, Male Housing + Male Thread

- Connector series: M23 Signal
- Contacts: Pin
- Mounting type: Rear mount
- Shielding: Unavailable
- Connection Type: Solder
- Part No.: M23-SSPSTR<sub>Sx</sub>\*\*\*-XXX

Sx refer to Screw joint

\*\*\* refers to pins number

XXX for wire type and length



### General information



Connector insert:	PA	Insulation resistance:	≥ 100MΩ
Connector contacts:	Brass with gold plated	Contact resistance:	≤ 5mΩ
Coupling screw:	Brass with nickel plated	Ambient temperature:	-40°C ~ +125°C
Seal / O-ring:	FKM or NBR	IP rating:	IP68 in locked condition
Operation cycles:	>800	Assembly Instruction:	Refer to page 413
		Panel cut-out:	Refer to page 420

### Electrical data & Mechanical data

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							

Contacts	Contact OD (mm)	Pin	Part No.	Contacts	Contact OD (mm)	Pin	Part No.
6A	2		M23-SSPSTR <sub>Sx</sub> 06A-XXX	12A (Standard)	1		M23-SSPSTR <sub>Sx</sub> 12A-XXX
7A	2		M23-SSPSTR <sub>Sx</sub> 07A-XXX	12B (opposite)	1		M23-SSPSTR <sub>Sx</sub> 12B-XXX
9A (8+1)	8		M23-SSPSTR <sub>Sx</sub> 09A-XXX	17A (Standard)	1		M23-SSPSTR <sub>Sx</sub> 17A-XXX
	1						
9B (8+1)	8		M23-SSPSTR <sub>Sx</sub> 09B-XXX	17B (opposite)	1		M23-SSPSTR <sub>Sx</sub> 17B-XXX
	1						
9C (6+3)	6		M23-SSPSTR <sub>Sx</sub> 09C-XXX	19A (16+3)	16		M23-SSPSTR <sub>Sx</sub> 19A-XXX
	3				2		
16A	1		M23-SSPSTR <sub>Sx</sub> 16A-XXX				

Note: Sx refer to Screw joint, X for wire type and length

### Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please refer to Page 367 for products' part number encoding rule.