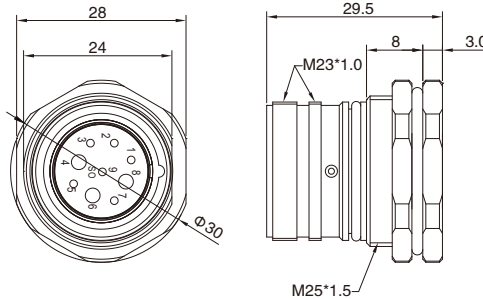


M23 Signal Panel Mount, Solder, Front mount, Female Housing + Male Thread

- Connector series: M23 Signal
- Contacts: Socket
- Mounting type: Front mount
- Shielding: Unshielded
- Connection Type: Solder
- Part No.: M23-SSSSTFS_x***

*** refers to pins number
Sx refer to Flange joint



■ General information



Connector insert:	PA
Connector contacts:	Brass with gold plated
Coupling screw:	Brass with nickel plated
Seal / O-ring:	FKM or NBR
Operation cycles:	>800

Insulation resistance:	≥ 100MΩ
Contact resistance:	≤ 5mΩ
Ambient temperature:	-40°C ~ +125°C
IP rating:	IP68 in locked condition
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)	Socket	Part No.	Contacts	Contact OD (mm)	Socket	Part No.
6A	2		M23-SSSSTFS _x 06A	12A (Standard)	1		M23-SSSSTFS _x 12A
7A	2		M23-SSSSTFS _x 07A	12B (opposite)	1		M23-SSSSTFS _x 12B
9A (8+1)	8		M23-SSSSTFS _x 09A	17A (Standard)	1		M23-SSSSTFS _x 17A
	1						
9B (8+1)	8		M23-SSSSTFS _x 09B	17B (opposite)	1		M23-SSSSTFS _x 17B
	1						
9C (6+3)	6		M23-SSSSTFS _x 09C	19A (16+3)	16		M23-SSSSTFS _x 19A
	3				3		
16A	1		M23-SSSSTFS _x 16A				

Note: S_x refer to Flange joint

■ Remarks

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm².
- Please refer to Page 367 for products' part number encoding rule.