



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

• Connector series: M23 Signal

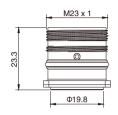
• Contacts: Pin

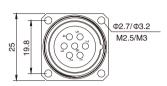
• Mounting type: Front mount

• Shielding: Unavailable

Connection Type: Solder

Part No.: M23-SSPSTFFx\*\*\*-XXX
 Fx refer to Flange joint
 \*\*\* refers to pins number
 XXX for wire type and length







c**₹N**us ( € RoHS ∰

## ■ 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℃ ~ +125℃
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℃(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							

Conta	cts	Contact OD (mm)	Pin	Part No.	Conta	cts	Contact OD (mm)	Pin	Part No.				
6A		2	5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	M23-SSPSTF <u>Fx</u> 06A- <u>XXX</u>	12A (Standard)						1	(8 9 18 2 2 7 12 10 8 8 6 11 3 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	M23-SSPSTF <u>Fx</u> 12A- <u>XXX</u>
7A		2	5 0 0 0 1 5 0 0 0 0 2	M23-SSPSTF <u>Fx</u> 07A- <u>XXX</u>	12B (opposite)						1	2 10 12 7 2 10 12 7 3 4 5 4 5	M23-SSPSTF <u>Fx</u> 12B- <u>XXX</u>
9A	8	1	80 01 70 9 02	8 <b>® ®</b> 1 7 <b>® ® ®</b> 2	M23-SSPSTF <u>Fx</u> 09A- <u>XXX</u>	17A		1	110 01 02 02 03 02 03 03 03 03 03 03 03 03 03 03 03 03 03	M23-SSPSTF <u>Fx</u> 17A- <u>XXX</u>			
(8+1)	1	2		WZ5-33F31F <u>rx</u> U3A- <u>AAA</u>	(Standard)		'	100 00 00 00 00 00 00 00 00 00 00 00 00	10123-33F31F <u>7X</u> 17A- <u>AAA</u>				
9B	8	1	10 08 20 0 07	M23-SSPSTF <i>Fx</i> 09B-X <i>XX</i>				19 811 29 3 6 16 8 0 38 8 17 8 9 9	M23-SSPSTF <u>Fx</u> 17B- <u>XXX</u>				
(8+1)	1	2	3® ®6 4® ®5	10123-53F311 <u>FX</u> 03D-7 <u>A7X</u>	(oppos	ite)	1	1	WIZ3-33F31F <u>FX</u> 17B- <u>AAA</u>				
9C	6	1	7 0 0 0 1	MASS CORPTER/OOK VVV	19A	16	1	(a) 17 (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	M23-SSPSTF <u>Fx</u> 19A- <u>XXX</u>				
(6+3)	3	2	50 4 3	M23-SSPSTF <u>Fx</u> 09C- <u>XXX</u>	(16+3) 3	3	1.5						
16A	١	1	110 01 100 10 00 100 10 00 00 10 10 00 10 10 00 10 10 00 10	M23-SSPSTF <u>Fx</u> 16A- <u>XXX</u>									

Note:  $\underline{\mathit{Fx}}$  refer to Flange joint,  $\underline{\mathit{X}}$  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.

