

■ External Option: Servo Electrode

Master Cylinder 01 model SWRZ0F0-M 02 05 Tool Adapter 01
model SWRZ0F0-T 02
05



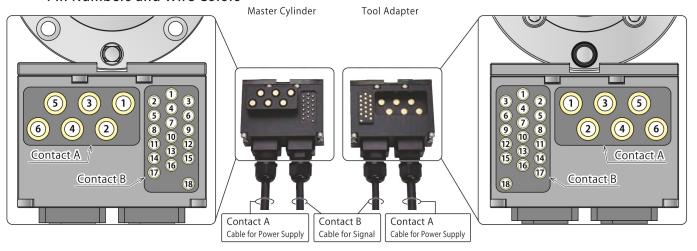


Specifications

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Contact A for Power Supply								
	Rated Value	AC / DC 240V						
	(per contact)	20A *1 *2						
	Number of Poles (per electrode)	6						
Contact B for Signal								
	Rated Value	DC 24V						
	(per contact)	3A						
	Number of Poles	17 (for Signal) +						
	(per electrode)	1 (for Functional Ground)						
	Total Current Capacity	10A						
Cable Spec	ifications	Refer to the following table.						
1 1 > A (*	In case of - 01	1m						
Lead Wire Length	In case of - 02	2m						
	In case of - 05	5m						
Weight **3	Master Cylinder Side	Electrode - 01:750g/- 02:1030g - 05:1850g Bracket:32g						
	Tool Adapter Side	Electrode - 01:710g/- 02:990g - 05:1810g Bracket:32g						

- **1. Depending on the operating environment of a customer, the cable for power supply may become hot. Refer to the following conditions, and check if the maximum temperature in the operating environment combined with the temperature rise is safe before using the product.
 - After 5 minutes of use with all 6 poles at 50% usage rate of 20A (5 sec. ON/ 5 sec. OFF), the cable temperature rise is ∆t= about 20°C.
 - After 5 minutes of use with all 6 poles at 100% usage rate of 20A and continuous current, the cable temperature rise is Δt =about 40°C.
- **2. When supplying power for more than 5 minutes, reduce the current per electrode to suppress the temperature rise.
 - Example 1. Using multiple electrodes can reduce the current per pole.
 - Example 2. Suppress the surface temperature of cable coating installed in areas easily touched by people to below 60°C.
- $\fint 3$ 3. Weight per electrode. Bracket weight shows the weight of SWRZ0F0.

• Pin Numbers and Wire Colors



Contact A
Cable for
Power Supply

HIFLON SD/2586 6C×15AWG Black

NISSEI ELECTRIC

Conductor Cross-Sectional Area: 2.0 mm² (AWG15)

wer Supply Number of Cores: 6

Cable Rated Value Temp: 105° C Voltage: 600V

Weight: 188g/m (Weight per meter)

Pin Number	1	2	3	4	5	6
Wire Color	Brown	Yellow	Green	Red	White	Black

Contact B
Cable for
Signal

HIFLON SD-SB/20276 10P×23AWG Black (with Shield)

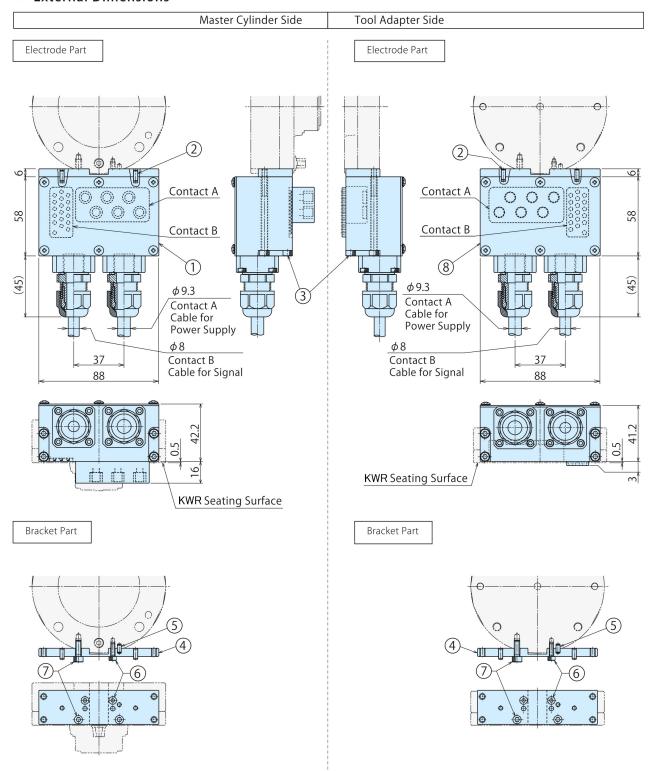
NISSEI ELECTRIC Weight: 119g /m (Weight per meter)

Conductor Cross-Sectional Area: 0.3mm² (AWG23) Number of Cores: 20

Cable Rated Value Temp: 80°C Voltage: 30V

Pin Number	1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18(FG)	Not Used	Not Used
	llow/ Yellow Iue Red	/ Yellow/ Black		White/ Red	White/ Black	Pink	Light Blue	Violet	Gray	Orange	Blue	Brown	Yellow	Green	Red	White	Black	Orange/ Black	Orange/ Blue
	wisted Pair		ed Pair		d Pair		d Pair		d Pair	L	<u>.</u>	L		L			d Pair	L	

External Dimensions



Model No.	No.	Name		Quantity
SWRZ0F0 -M01/M02/M05	1	Electrode (Master	1	
	2	Parallel Pin	ϕ 3×8 B type (SUS)	2
	3	Hex. Socket Bolt	M4×0.7×60 (SUS)	4
SWRZ0F0	4	Bracket (Common f	or Master/Tool Side)	1
	(5)	Parallel Pin	ϕ 3×6 B type (SUS)	1
	6	Hex. Socket Bolt	M3×0.5×10 (SUS)	2
	7	Hex. Socket Bolt	M4×0.7×12 (SUS)	2

Model No.	No.	Name	Quantity	
SWRZ0F0- -T01/T02/T05	8	Electrode (Tool Si	1	
	2	Parallel Pin	ϕ 3×8 B type (SUS)	2
	3	Hex. Socket Bolt	M4×0.7×60(SUS)	4
SWRZ0F0	4	Bracket (Common f	or Master/Tool Side)	1
	(5)	Parallel Pin	ϕ 3×6 B type (SUS)	1
	6	Hex. Socket Bolt	M3×0.5×10(SUS)	2
	7	Hex. Socket Bolt	M4×0.7×12(SUS)	2

Notes: 1. For SWRZ0F0-\(\subseteq 1/02/05\) the lead wire length is different from its shown in the specifications. (SWRZ0F0-\(\subseteq 01: \) Lead Wire Length 1m, SWRZ0F0-\(\subseteq 02: \) Lead Wire Length 2m, SWRZ0F0-\(\subseteq 05: \) Lead Wire Length 5m)