

# NEW

March 2022, Kosmek New Product Information

## Optional Electrode for Robotic Hand Changer



Master Cylinder



Tool Adapter

### Ethernet Electrode

Optional Electrode for model **SWR**

Option Symbol : **L**

※ The product is under development. The actual product might be different from the picture.

New Product  
to be Released in Spring 2022.

Further information of the Ethernet electrode will be  
uploaded on our website (SWR product page).

#### ● Specifications

Connector	M12 D code 4 poles (female) (based on IEC61076-2-101)
Ethernet Applicable Standard	100BASE-TX
Transmission Speed	100Mbps
Category	CAT5
Applicable Fieldbus	EtherNet/IP EtherCAT PROFINET Modbus TCP CC-Link IE Field Network Basic ※1

※1. Cannot be used with a fieldbus that requires a communication speed of 1 Gbps.

Released on September 2021

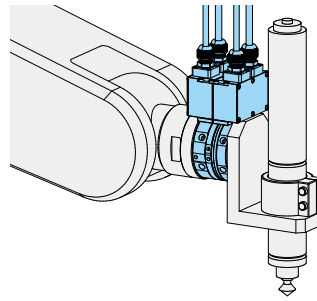


# Servo Electrode

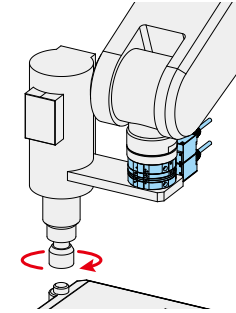
model **SWR-F** model SWR  
Optional Electrode for Robotic Hand Changer

When changing servo equipment by tool change, various signals such as motor power, encoder control and torque, and shield cable for noise reduction can be connected together with one electrode. Servo electrode can be installed to SWR0250 and larger sizes.

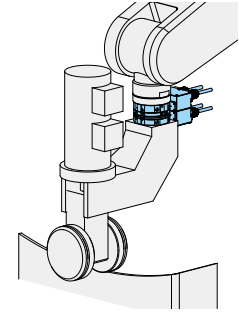
## Application Examples



For Deburring Tool



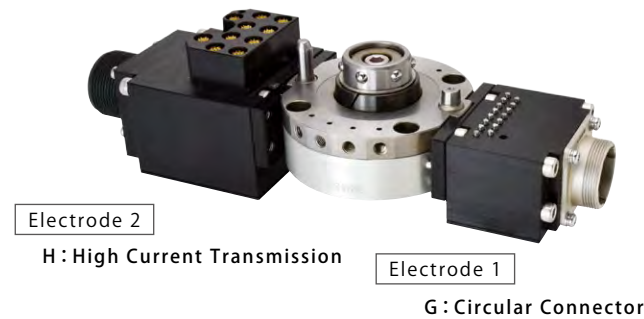
For Nut Runner



For Roller Hemming

## Comparison with Existing Options

2 electrode options were required for servo applications.



For Power Supply : AC / DC 200V 13A 10 poles  
For Signal : DC24V 3A 15 poles

## **NEW** Servo Electrode

Voltage and current values are increased, and shield cables are added.



For Power Supply : AC / DC 240V 20A 6 poles  
For Signal : DC24V 3A 17 poles + Functional Ground (FG) 1 pole

## Specifications

Contact for Power Supply	Rated Value (per contact)	AC / DC 240V 20A ※1 ※2
	Number of Poles	6
Contact for Signal	Rated Value (per contact)	DC24V 3A
	Number of Poles	17 (for Signal) + 1 (for Functional Ground)
	Total Current Capacity	10A

- ※1. Depending on the operating environment of a customer, the cable for power supply may become hot.
- ※2. When supplying power for more than 5 minutes, reduce the current per electrode to suppress the temperature rise.