

A Wide Variety of Electrodes for Long Lasting Reliability

- Standard Electrodes are made of stainless steel (SUS 304) and can be used in applications for purified water.
- SUS316 Electrodes can be used in applications where resistance to corrosion is required. Titanium and HAS Electrodes can be used in applications where resistance to acid is required.
- For applications where long electrodes are required, a connection nut and two Lock Nuts can be used to extend the electrodes 1 m at a time.



! Refer to *Safety Precautions for Electrodes and Electrode Holders*.

Ordering Information

Material indications are provided on all OMRON electrodes, connection nuts, and Lock Nuts.

Electrodes

Select an electrode appropriate for the type of liquid. Refer to *Technical Guide for Level Controllers*.

Model	Material	Weight (g)	Material indication lines
F03-01 SUS304 ELECTRODE	SUS304	Approx. 170	1 line
F03-01 SUS316 ELECTRODE	SUS316		2 lines
F03-01 HAS B ELECTRODE	N10665 (See note)	Approx. 195	3 lines
F03-01 HAS C ELECTRODE	N10276 (See note)	Approx. 190	4 lines
F03-01 TITANIUM ELECTRODE	Titanium	Approx. 100	5 lines

Electrodes

Material indication lines

Note: UNS No. (Unified Numbering System No.) is an international metal designation system that specifies a unique number for each material.

Insulated Electrodes

Electrodes are insulated with a plastic sheath to prevent them from touching each other and to isolate them from debris in the liquid. Before application, strip back about 10 cm of the sheath at the end to ensure sufficient conductivity.

Model	Sheath
F03-01 SUS304 BINIL	Vinyl Tubing
F03-01 SUS304 FLUORORESIN	Fluororesin Tubing
F03-01 SUS316 BINIL	Vinyl Tubing
F03-01 SUS316 FLUORORESIN	Fluororesin Tubing

Note: Tubing comes in 1-m lengths with a sheath thickness of 0.5 mm.

Connecting Nuts

Model	Material	Weight (g)	Material indication
F03-02 SUS304 (See note 1.)	SUS303 (Equivalent to SUS304)	Approx. 12	Blank
F03-02 SUS316 (See note 1.)	SUS316		6
F03-02 HAS B	N10665 (See note 2.)	Approx. 20	B
F03-02 HAS C	N10276 (See note 2.)		C
F03-02 TITANIUM	Titanium	Approx. 6	T

- Note:**
1. Spring washers made of the same material are included with the F03-02 SUS304 and F03-02 SUS316. Spring washers are not included with the other models. OMRON does not sell spring washers by themselves.
 2. UNS No. (Unified Numbering System No.) is an international metal designation system that specifies a unique number for each material.