

Electrode Band/Underwater Electrode F03-05/PH-1, -2

CSM_F03-05_PH-1_PH-2_DS_E_3_1

Easy Mounting and Removal. Ideal for Applications in Deep Wells.

- The Electrode Band consists of polyvinyl-chloride-covered (PVC) stainless-steel wires that are isolated from each other.
- Applicable in locations where space is limited between the water tank and ceiling.
- The PH-1 is used for applications where wastewater and scum accumulates, such as for a deep well pump. The PH-2 is used for applications where the distance to the water surface is long.



Ordering Information

■ Electrode Bands

Type of Electrode Band	Model
Electrode Band 3P	F03-05 3P
Electrode Band 4P	F03-05 4P
Electrode Band 5P	F03-05 5P

■ Accessories (Order Separately)

Product	Model
Electrode Band Connecting Nut	F03-06
Electrode Band Mounting Weight	F03-07
Electrode Band End Cap	F03-08
Electrode Band Insulation Cap	F03-09
Electrode Band Adhesive	F03-10

■ Required No. of Electrode Band Accessories (Order Separately)

Type of Accessory	Weight per unit (g)	Electrode Band		
		3P	4P	5P
Connecting Nut	Approx. 20	3	4	5
Weights	Approx. 50	3 to 4	4 to 6	5 to 8
End Cap	Approx. 1	2	3	4
Insulation Cap	Approx. 10	2	3	4
Adhesive	Approx. 5	1	1	1

■ Underwater Electrodes

PH-1 (single pole)

Length
1M
5M
10M
15M
20M
30M
40M
50M
60M
70M
80M
90M
100M

PH-2 (double pole)

Length
1M
5M
10M
15M
20M
30M
40M
50M
60M
70M
80M
90M
100M

- Note:** 1. Specify the cable length for PH-1 and PH-2 from the list above.
2. The cables can be cut.

Specifications

Electrode Bands 3P, 4P, and 5P

Item	Model	F03-05 3P	F03-05 4P	F03-05 5P
Sheath		Vinyl chloride		
Core		0.3 dia. × 21 twisted wires, SUS304		
Length		50 m max. (See note 1.)		
Weight		Approx. 110 g per meter	Approx. 140 g per meter	Approx. 180 g per meter
Operating temperature		-10 to 60°C (with no icing) (See note 2.)		
Applicable Electrode Holders		PS-3S/-4S/-5S BF-3/-5		

- Note:** 1. Specify the length in meters when placing an order.
 2. The Electrode Band cannot be used in flowing water, liquids over 60°C, or liquids which corrode PVC or stainless steel.

Underwater Electrodes

Item	Model	PH-1	PH-2
Cable length		100 m max. (See note 1.)	
Operating temperature		Vinyl cable: -10 to 60°C Hypalon cable: -30 to 70°C	Vinyl cable: -10 to 60°C Hypalon cable: -30 to 70°C

- Note:** 1. PH-1 and PH-2 Cables are available in lengths of 1, 5, 10, 15, 20, 30, 40, 50, 60, 70, 80, 90 or 100 m.
 2. The PH-1 and PH-2 are vinyl cables unless specified otherwise.
 3. Hypalon Cables are inscribed with the word "Hypalon."

Weight

		Electrode + 1 m cable	Cable (per meter)
PH-1	Vinyl cable	Approx. 140 g	Approx. 40 g
	Hypalon cable	Approx. 140 g	Approx. 40 g
PH-2	Vinyl cable	Approx. 230 g	Approx. 60 g
	Hypalon cable	Approx. 230 g	Approx. 60 g

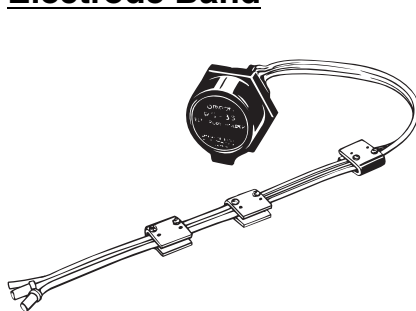
Ordering Example

To order eight 1 m segments of F03-05 3P, the following information is required.
 Model: F03-05 3P, Quantity: 8,
 Comment: 1 m × 8
 If the Comment section is omitted, one Cable that is 8 meters long will be shipped.
Note: Orders must be in 1-meter units, up to a maximum of 50 meters.

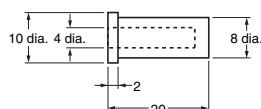
Dimensions

Note: All units are in millimeters unless otherwise indicated.

Electrode Band

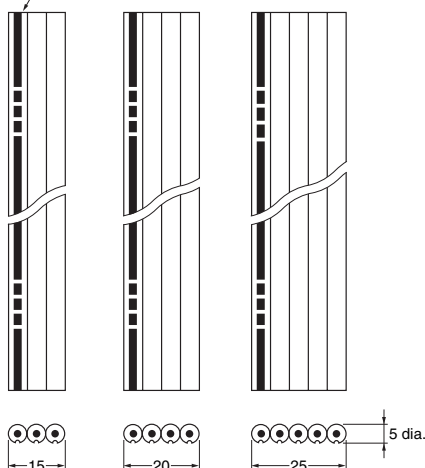


F03-08 End Cap
Material: Neoprene rubber



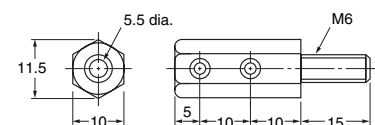
F03-05 3P, 4P, 5P
3P, 4P, and 5P Electrode Bands

Black printing (1 mm wide)

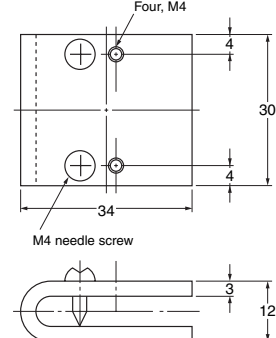


Outer sheath: PVC
Core: SUS304, 0.3 dia. × 21 twisted wires

F03-06
Electrode Band Connecting Nut (SUS304)



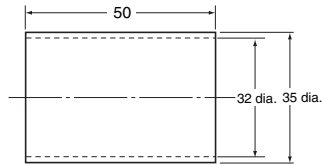
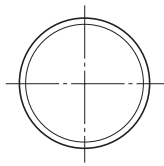
F03-07
U-shaped Electrode Band Weight (SUS304)



Insulation Cap

F03-09

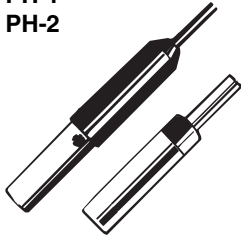
Material: PVC



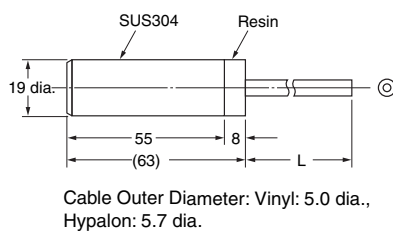
Underwater Electrodes

PH-1

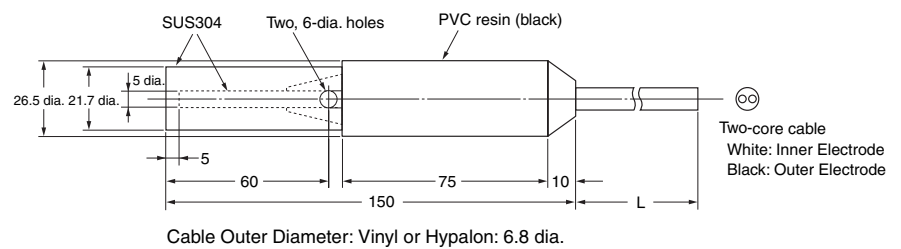
PH-2



PH-1



PH-2



■ Safety Precautions

Refer to *Safety Precautions for All Level Controllers*.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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2009.3

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