Electrode Bands/Underwater Electrode

F03-05/PH-1, -2

CSM_F03-05_PH-1_-2_DS_E_5_1

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

- Electrode bands are made of PVC-covered stainless wires. There is no connection between electrodes.
- 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

| Electrode Band length | F03-05 3P for 3-pole | F03-05 4P for 4-pole | F03-05 5P for 5-pole |
|--------------------------|----------------------|----------------------|----------------------|
| | Model | Model | Model |
| 1 M | F03-05 3P 1M | F03-05 4P 1M | F03-05 5P 1M |
| 2 M | F03-05 3P 2M | F03-05 4P 2M | F03-05 5P 2M |
| 5 M | F03-05 3P 5M | F03-05 4P 5M | F03-05 5P 5M |
| 10 M | F03-05 3P 10M | F03-05 4P 10M | F03-05 5P 10M |
| 15 M | F03-05 3P 15M | F03-05 4P 15M | F03-05 5P 15M |
| 20 M | F03-05 3P 20M | F03-05 4P 20M | F03-05 5P 20M |
| 25 M | F03-05 3P 25M | F03-05 4P 25M | F03-05 5P 25M |
| 30 M | F03-05 3P 30M | F03-05 4P 30M | F03-05 5P 30M |
| 40 M | F03-05 3P 40M | F03-05 4P 40M | F03-05 5P 40M |
| 50 M | F03-05 3P 50M | F03-05 4P 50M | F03-05 5P 50M |
| 100 M | F03-05 3P 100M | F03-05 4P 100M | F03-05 5P 100M |

Note: 1. Specify the cable length for F03-05 from the list above.

Electrode Band Accessories (Order Separately)

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

Underwater Electrodes

| Cable length | PH-1 Vinyl cable (single pole) | PH-2 Vinyl cable (double pole) | | |
|--------------|--------------------------------|--------------------------------|--|--|
| | Model | Model | | |
| 1 M | PH-1 CODE 1M | PH-2 CODE 1M | | |
| 5 M | PH-1 CODE 5M | PH-2 CODE 5M | | |
| 10 M | PH-1 CODE 10M | PH-2 CODE 10M | | |
| 15 M | PH-1 CODE 15M | PH-2 CODE 15M | | |
| 20 M | PH-1 CODE 20M | PH-2 CODE 20M | | |
| 30 M | PH-1 CODE 30M | PH-2 CODE 30M | | |
| 40 M | PH-1 CODE 40M | PH-2 CODE 40M | | |
| 50 M | PH-1 CODE 50M | PH-2 CODE 50M | | |
| 60 M | PH-1 CODE 60M | PH-2 CODE 60M | | |
| 70 M | PH-1 CODE 70M | PH-2 CODE 70M | | |
| 80 M | PH-1 CODE 80M | PH-2 CODE 80M | | |
| 90 M | PH-1 CODE 90M | PH-2 CODE 90M | | |
| 100 M | PH-1 CODE 100M | PH-2 CODE 100M | | |

Note: 1. Specify the cable length for PH-1 and PH-2 from the list above.

^{2.} The cables can be cut.

^{2.} The cables can be cut.

Specifications

Electrode Bands

| Item | Model | F03-05 3P | F03-05 4P | F03-05 5P | |
|------------------------------|-------|---------------------------------------|---------------------|---------------------|--|
| Outer sheath | | PVC | | | |
| Core | | SUS304, 0.3 dia. x 21 twisted wires | | | |
| Weight | | Approx. 110 g (1 m) | Approx. 140 g (1 m) | Approx. 180 g (1 m) | |
| Operating temperature | | −10 to +60°C (with no icing) * | | | |
| Applicable Electrode Holders | | PS-3S, -4S, -5S BF-3, -5 | | | |

^{*}The Electrode Band cannot be used in flowing water, liquids over 60°C, or liquids which corrode PVC or stainless steel.

Underwater Electrodes

| Model | | PH-1 | | PH-2 | | |
|-----------------------|-----------------------|---------------|---------------|---------------|---------------|--|
| Item | | Vinyl cable | Hypalon cable | Vinyl cable | Hypalon cable | |
| Cable leng | gth | 100 m max. | | | | |
| Operating temperature | | −10 to +60°C | −30 to +70°C | −10 to +60°C | −30 to +70°C | |
| Weight | Electrode + 1 m cable | Approx. 140 g | Approx. 140 g | Approx. 230 g | Approx. 230 g | |
| | Cable (per meter) | Approx. 40 g | Approx. 40 g | Approx. 60 g | Approx. 60 g | |

Note: 1. The PH-1 and PH-2 are vinyl cables unless specified otherwise.

- 2. "ビニソフト" is printed in Japanese on the actual vinyl cable.
- 3. Hypalon is a registered trademark of Mitsui Chemicals, Inc.

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

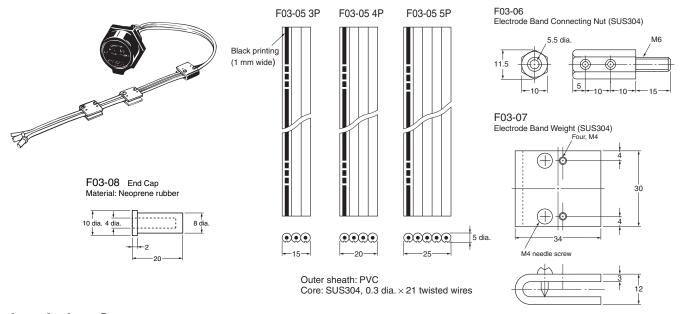
| Product | Model | Weight per unit (g) | F03-05 3P | F03-05 4P | F03-05 5P |
|-------------------------------|--------|---------------------|-----------|-----------|-----------|
| Electrode Band Connecting Nut | F03-06 | Approx. 20 | 3 | 4 | 5 |
| Electrode Band Weight | F03-07 | Approx. 50 | 3 to 4 | 4 to 6 | 5 to 8 |
| Electrode Band End Cap | F03-08 | Approx. 1 | 2 | 3 | 4 |
| Electrode Band Insulation Cap | F03-09 | Approx. 10 | 2 | 3 | 4 |
| Electrode Band Adhesive | F03-10 | Approx. 5 | 1 | 1 | 1 |

 $\textbf{Note:} \ \ \text{One tube of F03-10 (adhesive) can be used for approximately 5 times of end cap fixation.}$

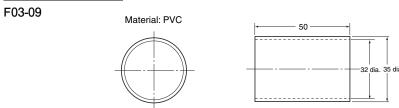
Dimensions

Note: All units are in millimeters unless otherwise indicated.

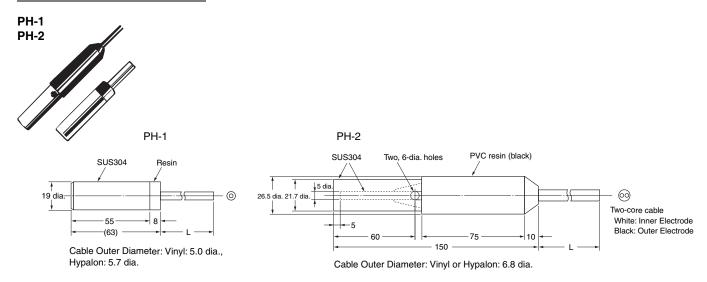
Electrode Bands



Insulation Cap



Underwater Electrodes



■ 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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