

Sensing Band

F03-16PE

CSM_F03-16PE_DS_E_1_6

- SUS316 used for core and polyethylene used for sheath to ensure high resistance to both acidic and alkaline liquids.
- Sensing Band Stickers that use the same material as the Sensing Band's insulating resin are available in 2 types: adhesive-tape type and screw type.



 Indicates models that allow free cutting.

Ordering Information

Name		Model
Liquid Leakage Sensing Band	1 m	F03-16PE 1M
	2 m	F03-16PE 2M
	5 m	F03-16PE 5M
	10 m	F03-16PE 10M
	15 m	F03-16PE 15M
	20 m	F03-16PE 20M
	25 m	F03-16PE 25M
	30 m	F03-16PE 30M
	40 m	F03-16PE 40M
	50 m	F03-16PE 50M
	100 m	F03-16PE 100M
Sensing Band Stickers (screw)		F03-26PES *
Sensing Band Stickers (adhesive tape)		F03-26PEN *

Note: 1. Specify the cable length for F03-16PE from the list above.
2. The cables can be cut.

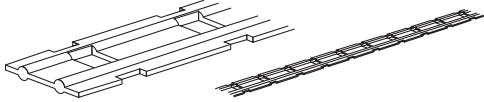
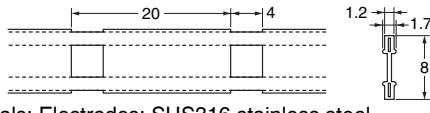
* 30 Stickers per set

Specifications

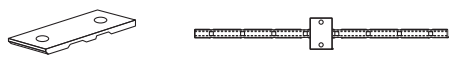
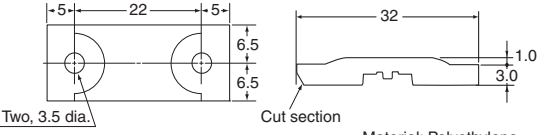
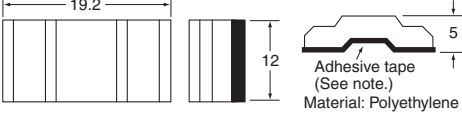
Sheath	Polyethylene
Core	SUS316 stainless steel
Ambient operating temperature	-10 to 55°C
Weight	Approx. 16 g (1 m)

Dimensions (Unit: mm)

■ Sensing Band

Appearance	
Structure	 Materials: Electrodes: SUS316 stainless steel, Sheath: Polyethylene

■ Sensing Band Stickers

	F03-26PEN (screws)	F03-26PES (adhesive tape)
Appearance		
Structure	 Two, 3.5 dia. Cut section Material: Polyethylene	 Adhesive tape (See note.) Material: Polyethylene

Note: The shape of the adhesive tape shown above is for securing the F03-16PE.

Chemical Resistivity for F03-16PE/-16PT

Material	Sheath		Core	Material	Sheath		Core
	Polyethylene	Fluoroplastic			Polyethylene	Fluoroplastic	
Water	A	A	A	Toluene	C	B	B
Acetone	C	A	A	Phenol	B	B	A
Ammonia	A	A	A	Butanol	B	A	---
Ethanol	B	A	A	Fluorine	A	A	C
Hydrochloric acid	A	A	C	Hexane	C	A	---
Hydrogen peroxide solution	A	A	A	Benzene	C	A	A
Xylene	B	A	A	Methanol	B	A	A
Cyclohexane	C	A	---	Sulfuric acid	C	A	B
Trichloroethylene	C	A	A	Phosphoric acid	A	B	B

Note: 1. A: Not affected at all or only very slightly affected.

B: Slightly affected but, depending on the conditions, sufficient for use.

C: Affected but may still be used. (Replace the Sensing Band immediately after detection.)

2. The F03-16PE Sensing Band is made from the following materials.

Core: SUS316

Insulated sheath: Polyethylene

3. In order to prevent secondary fire damage, consider the effect of the atmosphere of the environment and the solution to be detected on the Sensing Band.

4. If the Sensing Band changes shape or color when a liquid is detected, replace the Sensing Band.