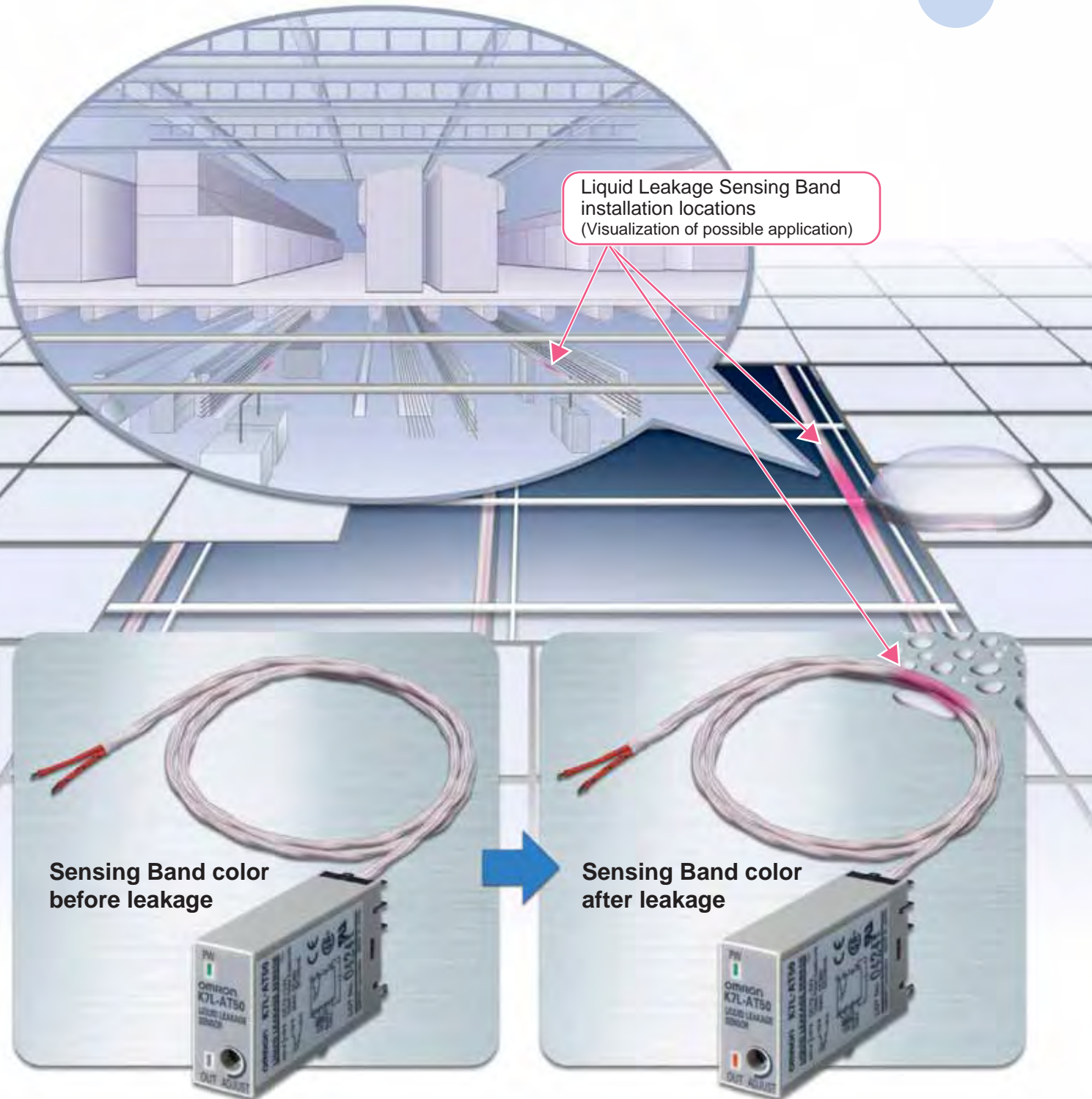


# Liquid Leakage Sensing Band **F03-16SF**

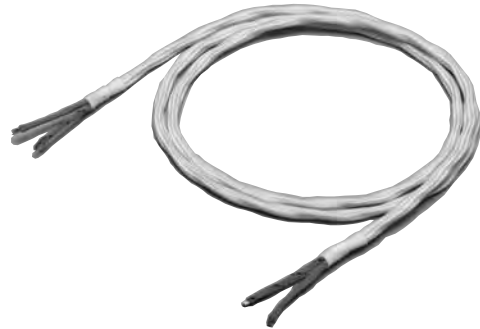


Debut of New Liquid Leakage Sensing Band



# Liquid Leakage Sensing Band F03-16SF

- Greater flexibility and superior workability compared with the F03-16PE.
- The sheath becomes transparent to reveal the red inner sheath if liquid leakage occurs, thereby enabling visual confirmation. After drying, the Sensing Band color will return to white. (F03-16SFC only)

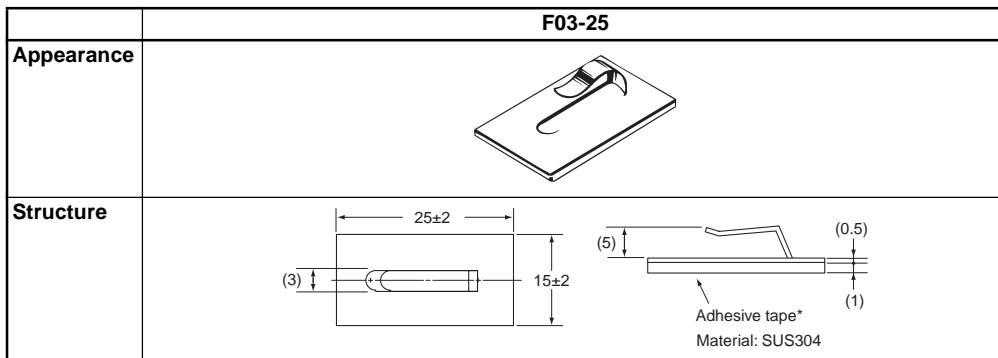
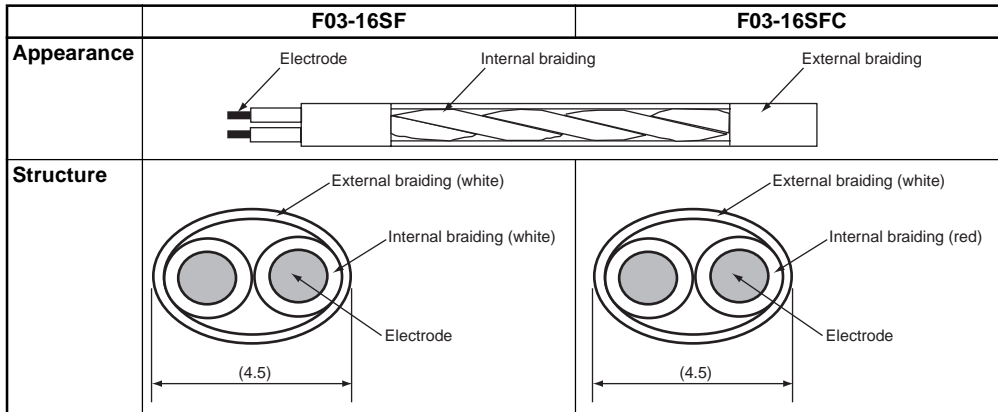


## Ordering Information

Name	Model	Length	Name	Model	Length
Liquid Leakage Sensing Band (without color indication)	F03-16SF-5M	5 m	Liquid Leakage Sensing Band (with color indication)	F03-16SFC-5M	5 m
	F03-16SF-10M	10 m		F03-16SFC-10M	10 m
	F03-16SF-15M	15 m		F03-16SFC-15M	15 m
	F03-16SF-20M	20 m		F03-16SFC-20M	20 m
	F03-16SF-30M	30 m		F03-16SFC-30M	30 m
	F03-16SF-40M	40 m		F03-16SFC-40M	40 m
	F03-16SF-50M	50 m		F03-16SFC-50M	50 m
	F03-16SF-60M	60 m		F03-16SFC-60M	60 m
	F03-16SF-70M	70 m		F03-16SFC-70M	70 m
	F03-16SF-80M	80 m		F03-16SFC-80M	80 m
	F03-16SF-90M	90 m		F03-16SFC-90M	90 m
	F03-16SF-100M	100 m		F03-16SFC-100M	100 m

## Specifications

<b>Sheath</b>	Special plastic fiber braided cable with water-absorbent and water-repellent characteristics
<b>Core</b>	Tin-plated, copper-stranded wire
<b>Ambient operating temperature</b>	-15 to 60°C
<b>Fire retardancy</b>	Not fire retardant
<b>Weight</b>	Approximately 20 g (1 m)



## Liquid Leakage Sensor Amplifier

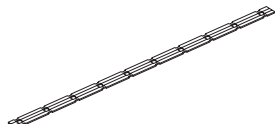


Stable Detection of Liquid Leakage. Three Models Are Available

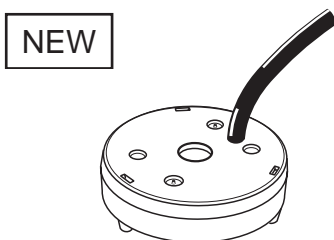
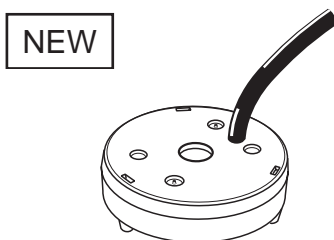
Item		K7L-AT50/-AT50D (See note 1.)	61F-GPN-V50 (See note 2.)	61F-WLA (See note 2.)
Output form	Relay	No	Yes	No
	Relay and buzzer	No	No	Yes
	Transistor	Yes	No	No
Operation resistance		0 to 50 MΩ	0 to 50 kΩ	0 to 50 kΩ
Disconnection detection function		Yes	No	No
Noise canceller function		Yes	No	No
IV Cable		10 m max.	100 m max.	
F03-16SF/-SFC		10 m max.	100 m max.	
Dimensions		28.8 × 12.8 × 46.0	49.4 × 38.0 × 70	140 × 118 × 50
Mounting method		Socket	Socket	Screw mounting
External appearance				

- Note:** 1. For details, refer to *Liquid Leakage Amplifier K7L-AT50* (Cat. No. F049).  
 2. For details, refer to *Floatless Level Controller* (Cat. No. F030).

Select the Optimum Sensor for the Applications from a Range of Industry-leading Products (See Note.)

Note: Results of OMRON survey.

<b>Feature</b>	Standard model	Higher resistance to force and condensation than the standard model	Higher resistance to temperature and chemicals than the standard model
<b>Model</b>	F03-16PE	F03-15	F03-16PT
<b>Material of current-carrying parts</b>	SUS316	SUS304	SUS316
<b>Material of insulated parts</b>	Polyethylene	PVC	Fluoroplastic
<b>Ambient operating temperature</b>	-10 to 55°C	-10 to 55°C	-50 to 200°C
<b>External appearance</b>			

<b>Feature</b>	Point Sensor that wipes clean easily. Stud screw mounting requires no tools for installation.	Wipes clean easily and fluoroplastic coating on the electrode ensures chemical resistance.
<b>Model</b>	F03-16PS	F03-16PS-F
<b>Material of current-carrying parts</b>	SUS304	SUS304+ fluoroplastic coating
<b>Material of insulated parts</b>	Polyethylene	Polyethylene
<b>Ambient operating temperature</b>	-10 to 60°C	-10 to 60°C
<b>External appearance</b>		

**ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.**  
To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

Cat. No. F072-E1-01A In the interest of product improvement, specifications are subject to change without notice.

**OMRON Corporation**

Industrial Automation Company

Industrial Devices and Components Division H.Q.

Industrial Control Components Department

Shiokoji Horikawa, Shimogyo-ku,

Kyoto, 600-8530 Japan

Tel: (81)75-344-7119/Fax: (81)75-344-7149

Printed in Japan

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