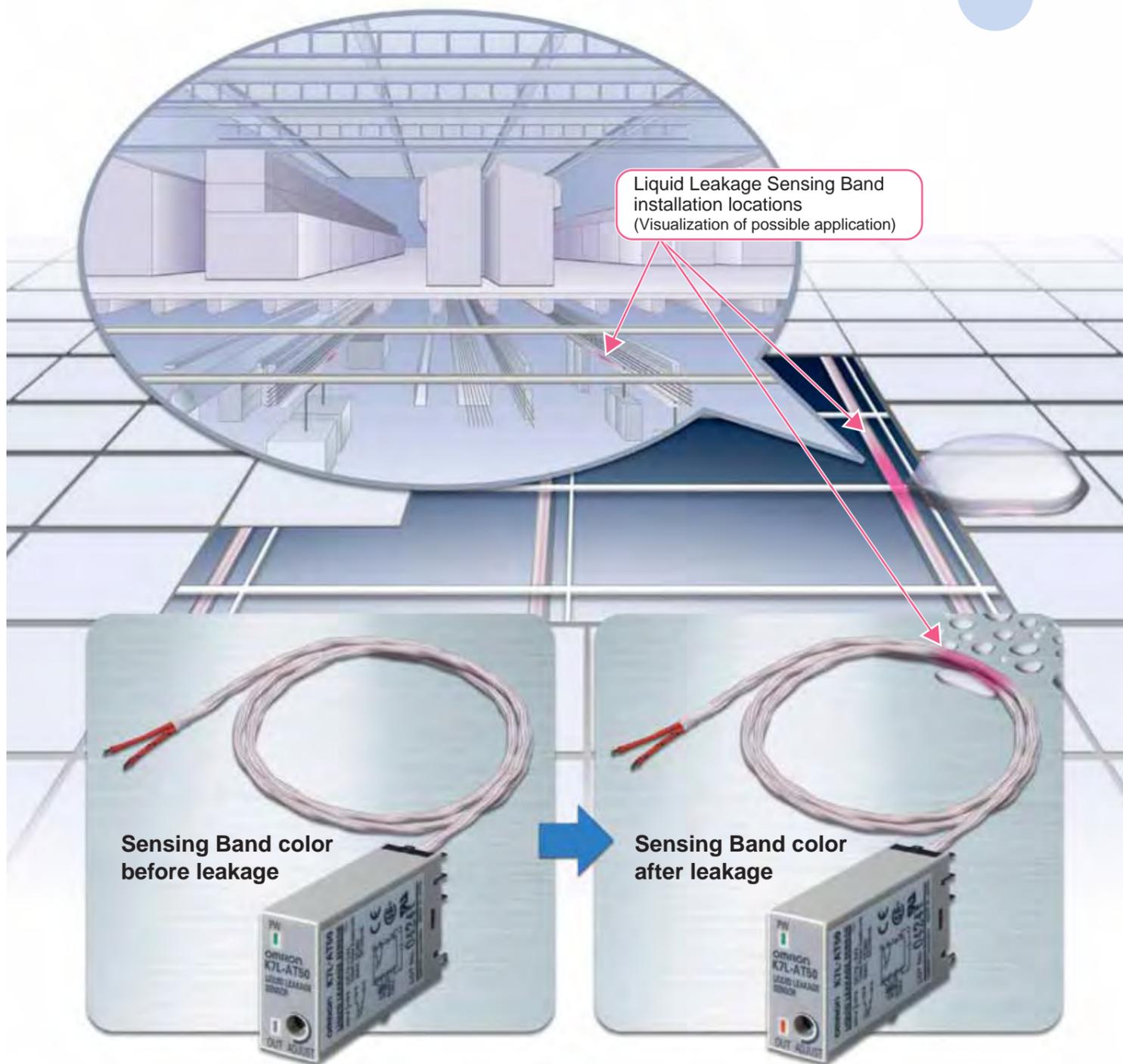




# Liquid Leakage Sensing Band F03-16SF



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)

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	F03-16SF	F03-16SFC
Appearance		
Structure		
	<b>F03-25</b>	
Appearance		
Structure		

## 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
	Relay and buzzer	No	No
	Transistor	Yes	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).

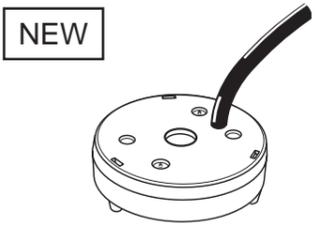
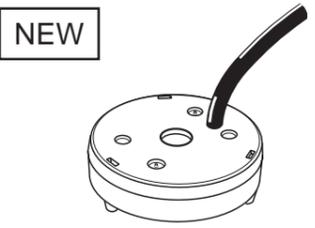
2. For details, refer to *Floatless Level Controller* (Cat. No. F030).

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

Note: Results of OMRON survey.

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

Feature	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.
Model	F03-16PS	F03-16PS-F
Material of current-carrying parts	SUS304	SUS304+ fluoroplastic coating
Material of insulated parts	Polyethylene	Polyethylene
Ambient operating temperature	-10 to 60°C	-10 to 60°C
External appearance		

**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.

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