Liquid Leakage Point Sensor

CSM_F03-16PS_DS_E_2_2

A New Liquid Leakage Point Sensor Has Been Added to the K7L Series. Fluoroplastic Coating on the **Bottom Electrode Ensures Chemical Resistance.**

- · Can be used in conjunction with Sensing Bands.
- · Stud screw mounting requires no tools for installation.
- No tools means the Sensor can be wiped clean quickly and easily.
- The optional Mounting Bracket enables faster installation than three-screw
- Connect multiple Sensors to one K7L Amplifier for significant cost savings.



Free-cut Indicates models that allow free cutting.

Ordering Information

Sensors

Product name	Main material	Cable material	Electrode material	Model
Liquid Leakage Point Sensor		Inner cheath: Elucroplactic	SUS304	F03-16PS
			SUS304 and fluoroplastic coating	F03-16PS-F
Mounting Brackets (See note 1.)				F03-26PS
Terminal Block (See note 2.)	Nylon 6.6			F03-20

- Note: 1. Use a commercially available bonding agent for PVC. One bag contains 10 Brackets.
 - 2. One bag contains 10 Blocks.

Amplifier

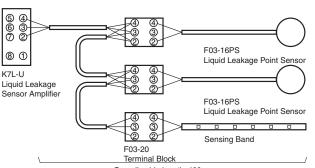
Product name	Model	
Liquid Leakage Sensor Amplifier	K7L-U	

Specifications

Material	Sensor Am- plifier	Polyethylene	
	Conductor	Outer sheath: PVC, Inner sheath: Fluorine resin	
	Core	F03-16PS: SUS304 stainless steel F03-16PS-F: SUS304 and fluorine coating	
Ambient operating temperature range		-10 to 60°C	
Weight		Approx. 30 g	
Maximum number of Point Sensors con- nected per Amplifier		Any number up to an overall cable length of 400 m.	
Applicable Amplifier		K7L-U (excluding Liquid Leakage Sensor Amplifier with disconnection detection function)	

Wiring Diagram

Any number of Sensors can be connected in parallel up to an overall cable length of 400 m. Leakage areas cannot be specified with the K7L.



Overall cable length: 400 m max.

Mounting Methods

Stud Screw Mounting

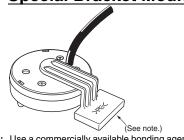
Securing the Sensor with a Nut



Securing the Sensor with a Wing Nut



Special Bracket Mounting



Note: Use a commercially available bonding agent for PVC.

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.

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

In the interest of product improvement, specifications are subject to change without notice.

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