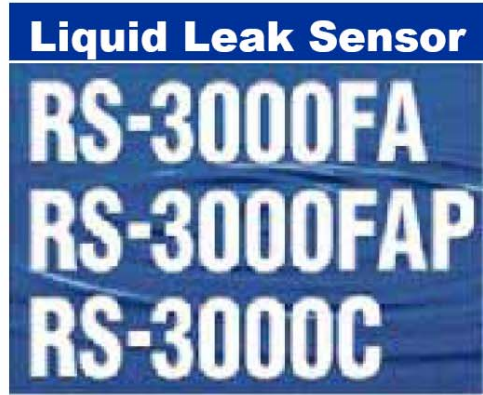
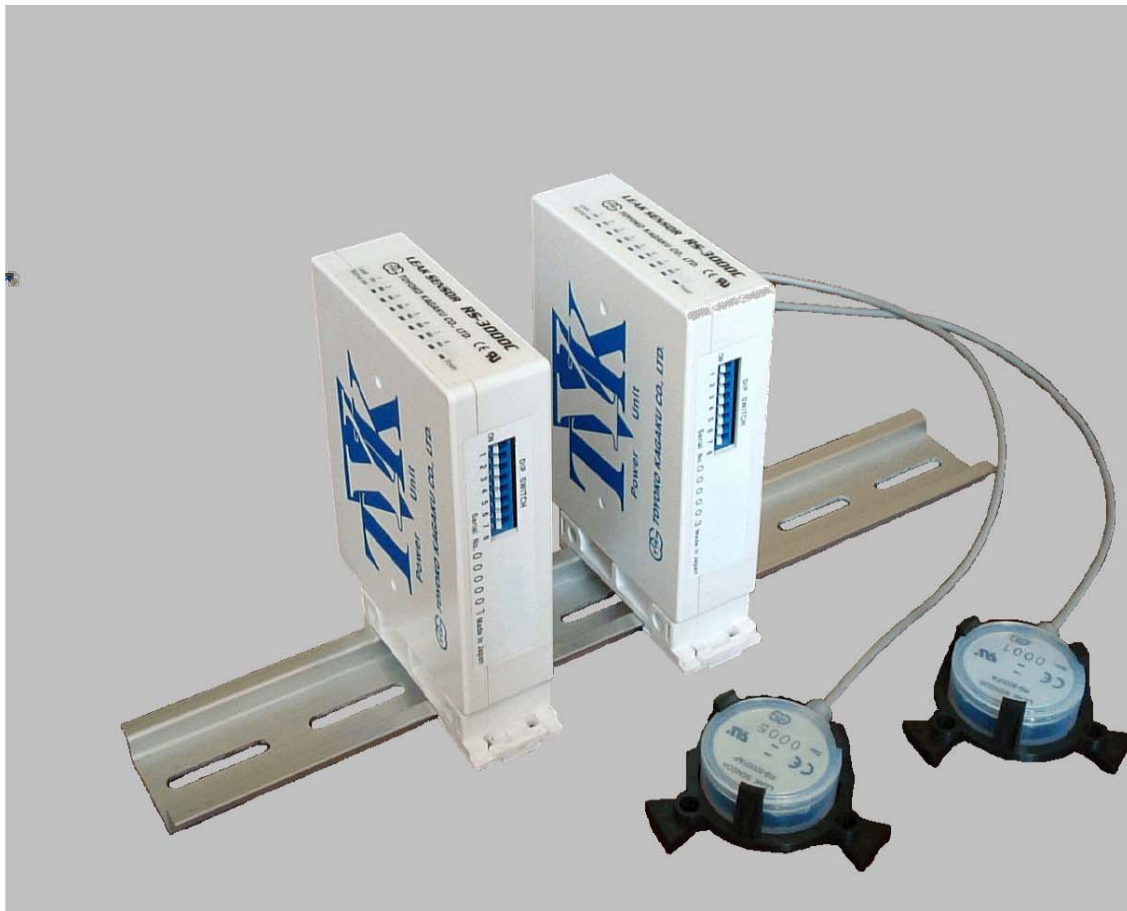


東横化学

Quick Detection for
variety of Liquid,
even low viscosity
Comfortable and Safety
Job availability



CE Mark 
UL Recognized 



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150 E. Alamo Dr. Ste 9
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RS-3000 Series

RS-3000 series has been developed for detecting liquid leakage with its versatile photoelectric principle. Adding to our conventional RS-1000 and RS-2000 series, RS-3000 expands its ability to detect even Low Viscosity Liquid as its reluctant property for capture at the sensing area.

RS-3000 series can provide wide range of the application for variety of liquids, such as acids, alkalis, organic liquids, mixtures for any kinds, and for small or large volume of liquid leakage or spread out.

RS-3000 realizes space effective layout works as its compact size and artificial design.

RS-3000 series includes a new sophisticated control unit, RS-3000C for its connector wirings features with the power, the output signal and 8 input sensors.

FEATURES:

- **Quick detection for low viscosity liquid, like Fluorinate.**
- **Output of the control unit, RS-3000C is a relay, NC contact, which makes fit with fail-safe architecture.**
- **Compact in size of RS-3000C control unit with connector wiring helps easier and reliable wiring job.**
- **RS-3000C unit has DIN rail installation feature without auxiliary parts.**
- **RS-3000 series also provide diagnostic feature, such as wrong position of the detection units, or wiring cut in the sensor system. This sort of alert assists the operator to know and recover the leak alarm system immediately and correctly.**

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Specification

Detection Unit



RS-3000FA



RS-3000FAP

Model	RS-3000FA	RS-3000FAP
Voltage	DC12V to DC24V (±10%)	
Current	20mA or below	
LED Display	Normal Status: Green Leakage Alarm: Red Wrong position Alarm: Red	
Output	NPN open collector, 50mA max, Normal: ON	
Ambient Temp.	-10 ~ 60 deg C	
Material	Case	PFA
	Cable	FEP, 3-wire sheath
	LED	Epoxy resin (embedded in the case)
Water Protect	Sealed, equivalent IP67 (IEC)	
Weight	Approx. 40g	
Absorbent Paper	Use	Not Use
Bracket	P/N-6440(PVC)	P/N-6430(PVC)

*Stainless Bracket-Paperless, P/N-6716 is available.

These Detection units can be used with RS-3000C Control Unit, or it may be used without it as standalone.



RS-3000C
RS-3000C

Model	RS-3000C
Voltage	DC24V (±10 %)
Current	200mA or below
Number of Input	1 to 8 detection units max.
LED Display	Independent display for each Input (LED 8ea × Green or Red either color) Normal Status: Green Leakage or Wrong Position Alarm: Red
Output	Relay contact × 1 ea Normal Status: closed Leakage or Wrong Position: opened Power Failure: opened
Output Capacity	DC24V, 1A (resistance load)
Ambient Temp.	-10 ~ 60 deg C
Case Material	ABS
Weight	Approx. 100g
Wiring Connection	Input: Connector ×8ea (insert-locked) Power /Output: Connector ×1ea (insert-locked) *No special tool for the connector is required.
Installation	Snap-on DIN Rail, or screwed on the base plate.
Detection Unit	RS-3000-FA, RS-3000FAP (*2)

(*2) The Buzzer Leak Sensor RS-3000FAP-BZ is also fit with this controller.

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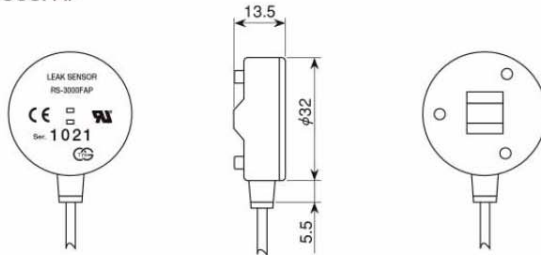
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Model and Dimensions

Detection Unit

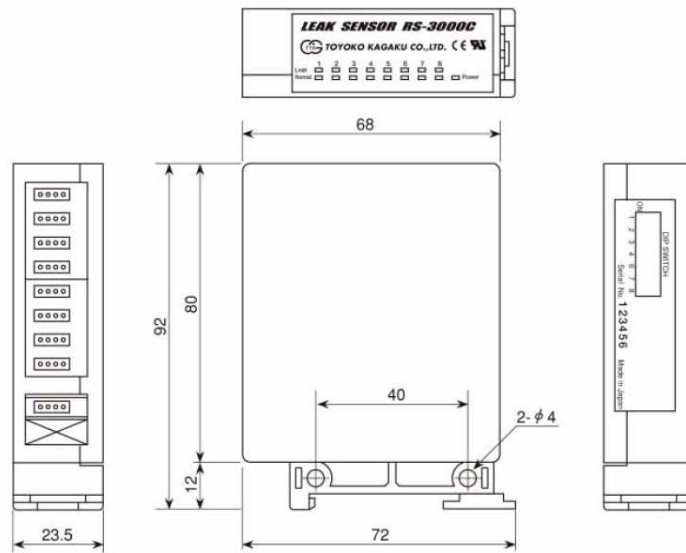
●RS-3000FA/RS-3000FAP



Both RS-3000FA and RS-3000FAP are the same size and shape each other.

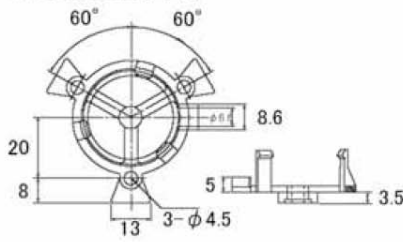
Control Unit

●RS-3000C

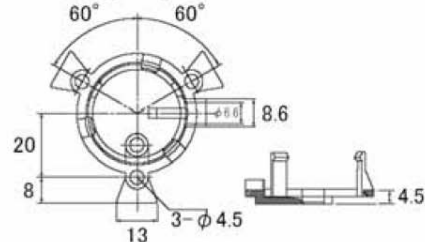


Bracket

● P/N-6440(PVC)



● P/N-6430(PVC)



*Stainless Steel Bracket-for Paperless P/N-6716 is available.

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