

Water Leak Sensors

Zenvex water leak detection solutions offer both locating and non-locating options to meet diverse monitoring needs.

Using conductive sensing cables, the system detects voltage changes caused by water ingress, enabling accurate identification of leak events.

Designed to deliver timely alerts, the solution helps users take immediate action to prevent water-related damage from escalating.



Simplified Deployment with Complete Sensor Kit

Supplied as a complete sensor kit with length-customizable accessory packs, the solution enables flexible installation tailored to site requirements.

This streamlined packaging approach simplifies material configuration and speeds up deployment.



Locating Water Leak Sensor

+

Accessory Kit



Locating Leak Detection Leader Cable Locating Leak Detection Sensing Cable Locating Leak Detection Terminal Adhesive Pads



Non-Locating Water Leak Sensor

+

Accessory Kit



Integrated Leak Detection Sensing Cable
(Includes non-locating leak detection leader cable, sensing cable, and terminal) Adhesive Pads

Product Highlights

Locating Water Leak Sensor

Model	Max Detection Distance	Sensitivity (Level)	DO Type	DO Channels	Serial Port	Buzzer Alarm	Wire Break Alarm	Button Function	Special Circuit Treatment
 S80-A3-ALSP05-B1E	500m	5-level adjustable (software setting)	C-type relay	1	RS485	✓	✓	Mute	/
 S80-A3-ALSP05-B2E	500m	5-level adjustable (software setting)	C-type relay	1	RS485	✓	✓	Mute	Dustproof, moistureproof, anti-corrosion
 S80-A3-ALSP05-B11E	500m	3-level adjustable (software setting)	C-type relay	1	RS485	✓	✓	Mute	/

Non-Locating Water Leak Sensor

Model	Max Detection Distance	Sensitivity (Level)	DO Type	DO Channels	Serial Port	Buzzer Alarm	Wire Break Alarm	Button Function	Special Circuit Treatment
 S80-A3-AFNS03-A3E	1500m	4-level adjustable (DIP switch setting)	A-type or B-type relay (configurable with jumper cap)	1	RS485	✓	✓	Mute + Sensitivity Confirmation	/
 S80-A3-AFNS03-B1E	1500m	5-level adjustable (software/DIP switch setting)	C-type relay	1	RS485	✓	✓	Mute + Sensitivity Confirmation	/
 S80-A3-AFNS03-B2E	1500m	3-level adjustable (software setting)	C-type relay	1	RS485	✓	✓	Mute	Dustproof, moistureproof, anti-corrosion

Product Features



Adjustable sensitivity with up to 5 levels for precise detection.



Ultra-long sensing range, supporting cable lengths up to 1500 meters.



High-precision locating leak detection with accuracy of $\pm 0.5\% + 0.2$ m.



Flexible communication and output options, including DO (Digital Output), Ethernet, and RS485.



Non-locating leak detection supports both sensing cables and electrode pads.



Sensing cables are available in different specifications such as color-changing type and anti-false alarm design.