SeaHawk-Series — detects water leaks and prevents damage

Water leaks pose a huge potential danger in data centres and are one of the main causes of failures of devices and systems. They can also cause technical and structure damage that can be very expensive to fix. Before the threat of even the smallest leak becomes acute and leads to serious risks, the leak first has to be pinpointed and remedied. A **SeaHawk leak monitoring solution** is one of the most effective ways of handling this problem. The monitoring solution can be installed using spot detectors, sensing cables or a combination of both sensor types in all areas susceptible to leaks. If the detector probes and sensing cables come into contact with water, acids, bases or other hazardous liquids, the zone or distance-read controller triggers an acoustic or optical alarm and generates warnings that are sent to the data centre personnel by SNMP or e-mail. Depending on the model, the controllers can communicate via Ethernet, N2, Modbus or BACnet. The latter makes it possible to integrate the SeaHawk leak monitoring solution into existing DCIM or BMS systems.The modularly structured monitoring system can be configured to adapt to any requirement and data centre environment and scaled exactly to meet individual needs.

HIGHLIGHTS

- **Reliable detection of water leaks or other liquids**
- **Model-dependent optical or acoustic alarms**
- **Alerts by SNMP or email depending on model**
- **Spot detectors to monitor a confined zone**
- **Sensing cables to monitor areas susceptible to leaks**
- **Zone controllers generate notifications and alarms when contact with liquids is made.**
- **Remote controllers pinpoint the exact location of the leaks, generate notifications and alerts.**
- **SC sensing cables detect conductive fluids**
- **SC-C sensing cables detect acids, bases and other hazardous liquids.**
- **Several zone or remote controllers have 4-20 mA or dry contact interfaces**
- **Controller can be integrated into DCIM or BMS.**
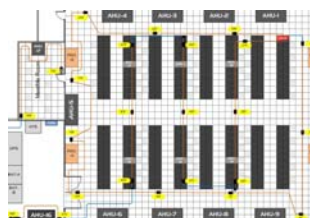- **Communication via SNMP, Modbus, BACnet or N2**

DETAILS

SD-xx spot detectors	for monitoring leaks in cofined areas
SC sensing cables	for conductive fluids
SC-C-sensing cables	for acids, bases and other hazardous liquids
LD300/1000 zone controller	1-zone controller with SC, SC-C or SDxx
LDZB6/LDRA6 zone controler	6-zone controller with SC, SC-C and/or SDxx
10K/LDxxxx remote controller	diverse versions with/without display, ethernet, RS232, RS485, Modbus, N2, BACnet, SNMP

1-zone controllers   **remote controllers**   **6-zone controllers**

SD-xx spot detectors   **SC sensing cable**
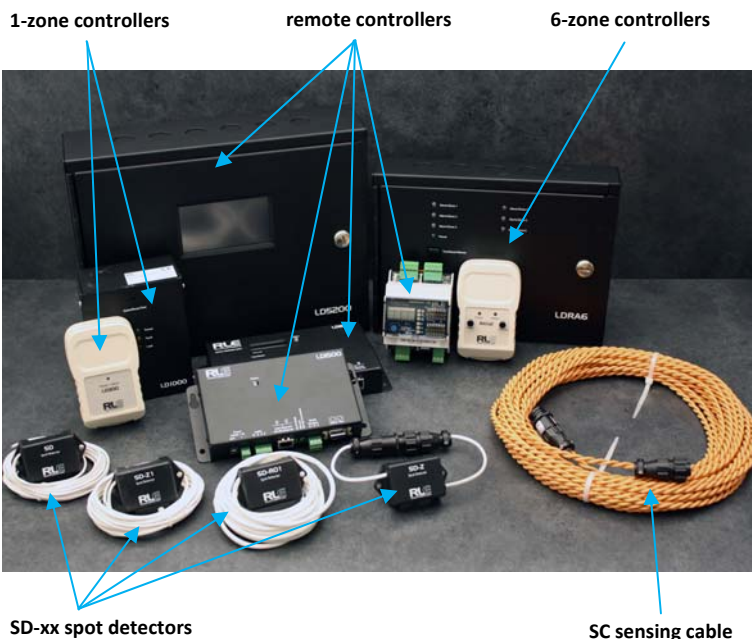

SC sensor cable

SC sensor cable in the raised floor

Map of a comprehensive leak monitoring system in the data centre

Remote controller for identifying leaks, sending alerts and for the integration into DCIM or BMS solutions