



## Applications: Control Cabinets



Cabinets containing critical electronic or electrical control equipment frequently require precise control of their internal environment. This leads to full climate control features being integrated into the cabinets. However, with such complex internal environmental conditioning systems, further precautions are still needed to monitor the build up of condensation and potential leaks from the building plumbing systems feeding to washrooms and other service areas.

A minimal investment in Signaline WD Water Detection Cable provides superb coverage for such risk areas. The water detection cable is easily integrated into the cabinet with detection cable runs along the bottom and/or sides of the cabinet.

The detection cable is monitored by a Signaline WDM-KM Control Module. The module is very compact and even where space is at a premium within the cabinet the controller will easily fit. The Signaline WDM-KM Control Module is equipped with volt free Water Detected and Fault contacts allowing the device to be integrated into cabinet climate control systems to warn of the presence of water.

The minimum length of Signaline WD Detection Cable per controller is 3.75m, thus each bay of a large cabinet installation can be individually monitored. The Signaline WDM-KM Control Module can report to a building management system or a dedicated water detection control panel such as the Signaline CB200W Control Panel.

For very large installations up to 1000m of Signaline WD Water Detection Cable can be connected to a single WDM-KM Control Module.

Signaline Heat Sensing Cable is part of the Signaline family of sensor cables and offers an ideal solution for detecting over heating cabinets and cabling systems. Please refer to [www.signaline.com/heat](http://www.signaline.com/heat) for further details or contact our sales office.



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