

Nordia Leak Detector



Nordia Automated Leak Detector "ALD" model 1150



Can we help you to avoid water damage?

The risk of water damage is perhaps the biggest worry for any single family home owner nowadays.

Together with insurance companies, we have therefore developed a series of products that can help in avoiding water leakage from water pipes and ensuing water damage.

With Nordia Automated Leak Detector "ALD" model 1150, you can easily close incoming water by pressing a wireless, remote switch installed at the entrance. Turning off water will be as easy as turning off a lamp.



Wireless sender can be mounted at the entrance to activate the "ALD"

Water will not be on while the house is vacant, which will prevent water damage. Should there be a small leakage from e.g. a damaged pipe, this will result in a pressure drop and the home owner will be alerted to this, by the fact that the "ALD" will not turn on water again as usual when the switch is turned on again, unless the user confirms that he is notified about the leakage.

The reason for the alert should thereafter be investigated.

The "ALD" will also automatically make a pressure test every night, to determine if the water pipe system is ok and that there are no small hidden leaks.

In addition to detecting and avoiding water damage, the "ALD" will also be able to detect unwanted, excess water consumption from e.g. toilets or partially closed faucets.



The electronics box can be attached to pipe or mounted on wall.
Size: 73x58x128 mm

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Installation.

Installation should be performed by person with required professional competence.

Check for a non-return valve placed before the "ALD". If no non-return valve is installed, this could give false leak indications if the water pressure varies in the water system.

A filter should be placed before the "ALD". This is especially important if the installation is made on a water system supplied from a well instead of municipal water.

The system shall be flushed clean from small particles and residue, after cutting the pipe and before installing the "ALD", automated leak detector.

The "ALD" shall be installed after the water meter in the direction indicated by an arrow on the solenoid valve. Installation can be made horizontally or vertically but when installing horizontally, the solenoid on the solenoid valve shall not be placed downward since residue from the piping system could disturb the function of the solenoid valve.

Any equipment, requiring water at all times e.g. fire extinguishing equipment must be supplied by water before the "ALD".

After installation, any remaining air can interfere with the function until the system is air-free.



"ALD" should be mounted on the water pipe directly after the water meter.

Mounting can be done horizontally or vertically.

Mounting length excluding couplings is approx. 150 mm.
Model 1150 is delivered with: Solenoid valve, attachment with pressure gauge and pressure sensor, electronic box with timer, wireless sender and 24 volt power supply.
(Solenoid valve is normally closed but can be manually opened in case of loss of electric power).