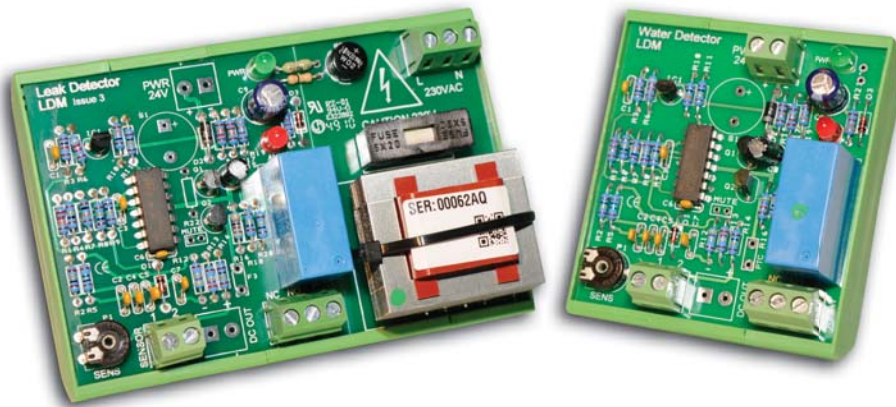


AquiTron

AT-LDM

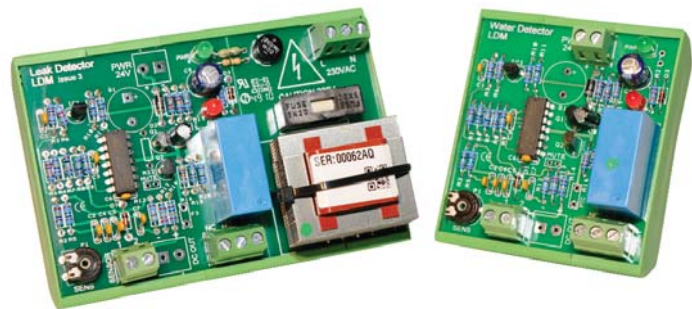
Leak Detection Module



DATA SHEET



aquilar
leak detection solutions



AT-LDM

Leak Detection Module

The AquiTron AT- LDM offers a low cost option for liquid leak detection. It is designed for use with all TraceTek sensing cables, AquiTron™ probes and other sensing devices to detect leaks. The AT-LDM provides visual indication when a leak has occurred and has relay contacts to connect to other external alarm equipment. An option is available with an audible alarm.

SIMPLE OPERATION

Two LED's to indicate the operating status of the unit: POWER – alarm unit power (green), LEAK – liquid detected (red)

APPLICATIONS

Primarily designed for small area detection in locations such as Tea Points, Kitchens, Bunded area's and Drip Trays. This module is supplied without an enclosure. Because of their compact size these modules can normally be easily incorporated into OEM equipment or outstation enclosures thus saving the cost of a dedicated enclosure. Modules can be sited close to the area to be monitored or mounted up to 200 metres away in control equipment.

OPERATIONAL NOTES

All Modules are Auto Reset and the relay contacts will remain activated as long as the sensor is wet. Modules with sounders fitted can be temporarily silenced by removing a link.



TECHNICAL INFORMATION

Sensing cable compatibility	All TraceTek sensing cable (TT1000, TT1100, 3000, 5000, 5001, 7000)
Detection Probes	Water detection probes, optical oil sensors and immersion sensors
Maximum sensing circuit	45 metres (150 ft) of TraceTek sensing cable, Combination of any 10 AquiTron probes
Operating Conditions (PCB)	-10 to +50°C, 0% to 90% non-condensing
Power supply	Two versions: 24V ac/dc & 230Vac (ac 50/60Hz)
Power consumption	50 mA @ 24V ac/dc and 11mA @ 230Vac
Relay Output	Volt free relay contacts activated by leak SPDT (NC/COM & NO)
Relay Rating	5 A at 250 Vac/24 Vdc
Status LED	Power (Green), Leak (Red)
Audible Alarm	85dB 10cm (where fitted)
Dimensions	Open chassis: 77mm x 112mm x 45mm
Weight	Open chassis: 82g ~ 24V version & 248g ~ 230V version Enclosed: 660g

APPROVALS

CE Electromagnetic compatibility (EMC)

ORDERING INFORMATION

Catalogue number	4200 AT-LDM Open Chassis: 24Vac
	4205 AT-LDM-S Open Chassis: 24Vac with sounder
	4210 AT-LDM Open Chassis: 230Vac
	4215 AT-LDM Open Chassis: 230Vac with sounder

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