

## Leak down detector with mail, SNMP and relay notification/alerting



### Description

The **MDH-1000** monitoring module reads room temperature, detects water leaks and infiltration thus limiting physical damages to equipment and structures.

The module reads the ambient temperature via onboard or external sensors and water leaks via external sensors. Recorded data is available via a web page and SNMP protocol. High/low temperature and water leaks triggered alarms are sent by email, SNMP and output relay.

A web interface allows configuration of the module from a web browser.

### Specifications

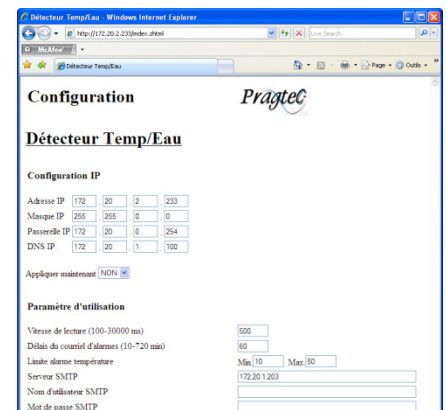
FEATURES		UNITS
Supply voltage	9- 30	Vdc
Supply current	55 nom. 330 peak	mA
Temperature detection range	0 - 65	°C
Power relay output	0.5	A dc/ac
Ethernet protocol	10 Base-T, RJ-45	
Default IP address	192.168.1.200	

Note : Pragtec inc. reserves the right to change/modify specifications at any time.

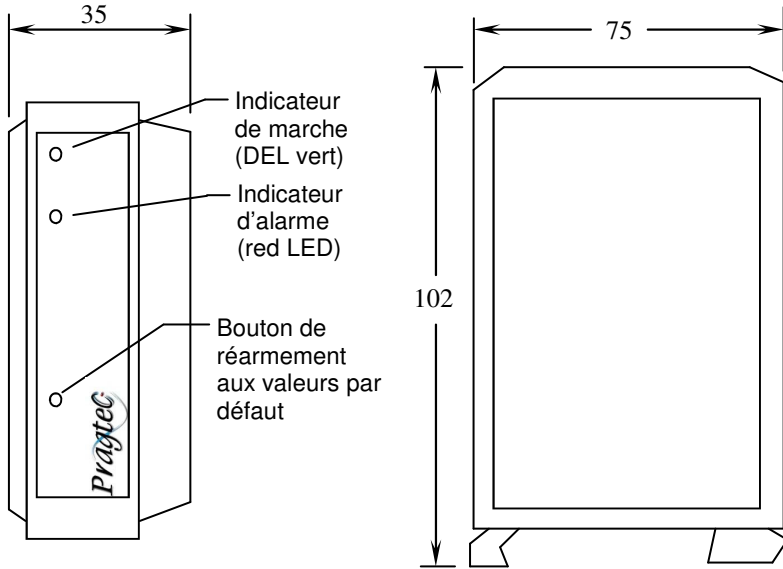
### Configuration

« **RST** » button resets the device to factory default settings.

- To configure communication and notification settings, connect a PC to the module through a 10/100 Base-T network switch or hub.- Open a web browser (Internet Explorer) and type http:// followed by the device IP address in the browser address bar.- Click on the 'Configuration' icon to access the Configuration page.- Enter the new settings, select Yes to «Apply now» and «ENR./SAVE PARAM» options and click Submit button.



## Dimensions (mm)



## Catalog numbers

Detector : **MDH-1000**

Power supply : **AMDH-1a**

- a: **0**=Supply 120 Vca (US/Canada)
- 1**=Supply 120-240 Vac international

External temperature sensor : **AMDH-2**  
w/ 200 mm wire

Cable : **AMDH-3b**

- b: **0**= 3 m length
- 1**= 5 m length
- 2**= 10 m length

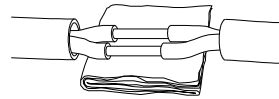
## Leak sensors installation

Detection is done through a 2-wire conductor cable. The cables must be tinned to prevent corrosion, which could affect the detection.

Install the cable between the module and the desired detection spot. Make sure the cable does not impede traffic and is securely fixed in place. Strip off 10mm of the plastic jacket from the cable and 5mm from the 2 conductor wires. Secure the end of the cable to the ground and place half a sheet of tissue paper under the conductor wires. The tissue paper will absorb water and create a contact between the conductor wires. Detection can be done at the cable end, or various locations over the cable length.

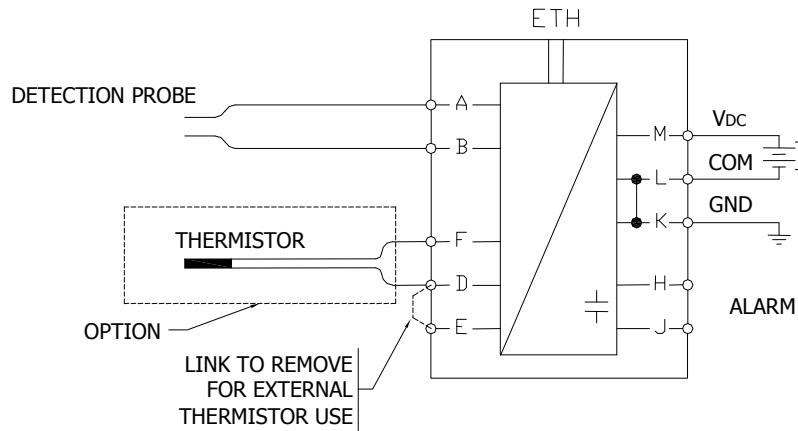


Detection at cable end



Detection over the cable length

## Wiring



*Pragtec*