



Description & Features:

- The LPDA1 Series is a non-positioning cable-type water leakage detector for high-performance water leakage indication
- It can be used with water leakage detection cables or other detection probes to accurately determine the occurrence of water leakage
- It may easily integrate with any third party monitoring system or HVAC controls platform for remote equipment control
- Includes a relay output (normally open/normally closed) for signalling
- Length of the detection cable can be customized according application requirements
- 5 year warranty

Applications:

- The LPDA1 is widely used in server & mechanical rooms, pipe stacks, sub-level floors including basements, computer rooms, refrigeration warehouses, cooling & water tower, swimming pools, e-houses. and many other locations where water seepage and overflow may damage equipment and early detection and alarming is required

Specifications

Supply voltage	12/24VDC (standard), 12/24VAC (optional)
Alarm Mode	Relay + Alarm (audible)
Load Capacity	2A @ 30Vdc / 1A @ 125Vac
Working environment	-30/60°C (-22/140°F), 10/80 % RH (no condensation)
Storage environment	-20/50°C (-4/122°F), 10/80 % RH (no condensation)
Stand-by Current	< 20 mA @ 24 Vdc
Alarm Current	< 60 mA @ 24 Vdc
Sensing Cable Length	5 to 500 m / (customizable)
Housing Material	ABS + PC
Cable Material	Teflon + conductive polyethylene + alloy
Installation Options	Screw fixed installation, housing includes mounting holes
Product Certification	CE

Additional Items

Cable mounting clip
5-pcs included with 5m cable



2m / 6.5' Lead-out cable



5m / 16' Detection cable
2-wire, spiral wound

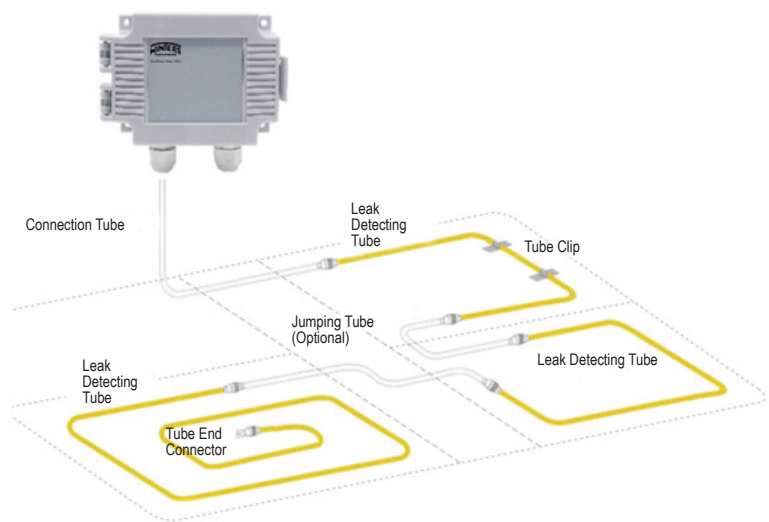


Note: Perform regular inspections & maintenance on the cables to ensure they are clean and free of dust and particles to avoid false readings and alarms. Also during installation, avoid contact with metal filings, grease, lubrication and any other contaminants.

Water Leak Detection Sensor - Non-Location Type

LPDA1

Typical Installation



Selection Table

LPDA1 - Indoor Water Leak Sensor - Non-Location Type					
Description	Technical parameters				
Power supply	12/24 Vdc	1			
	12/24 Vac	2			
Output signal	Relay + Alarm		8		
Lead-out cable	No cable			-	
	2m / 6.5' lead-out cable			W3B2	
Detection cable	No cable				-
	5m / 16'				W3A5
	10m / 33'				W3A10
	15m / 49'				W3A15
	20m / 66'				W3A20
	25m / 82				W3A25
	30m / 90				W3A30
	up to 500m / 1,640'				W3A###
Customization	Special types, labelling etc				Z###
Additional items:					
Extra mounting clips	LPDAC10	10 pcs			
	LPDAC25	25 pcs			