

**Description & Features:**

- LPDA2 Series is a high-performing, accurately positioning cable-type water leakage detection sensor
- It is used in conjunction with water leakage detection cables to determine the occurrence and location of water leakage
- Clearly indicates where along the cable the water has been detected
- It can easily be integrated into an HVAC monitoring system via RS485
- Includes an integrated relay and alarm for remote monitoring
- LED display is included

Applications:

- The LPDA2 is widely used in server & mechanical rooms, pipe stacks, sub-level floors including basements, computer rooms, refrigeration warehouses, cooling & water towers, 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	9/36 Vdc (standard) 24 Vac (optional)
Output Type	Relay, Alarm, RS485, LED display
Load Capacity	1A @ 30 Vdc / 0.5A @ 125 Vac
Working Conditions	-30/60°C (-22/140°F), 10/80 % RH (no condensation)
Storage Conditions	-20/50°C (-4/122°F), 10/80 % RH (no condensation)
Stand-by Current	< 20 mA
Alarm Current	< 60 mA
Sensing Cable Length	5 to 200 m / 16 to 656' (customizable)
Water Leakage Detection Cable Material	Teflon + conductive polyethylene + alloy (spiral wound) <i>Four-core water leakage detection cable (one set for leakage detection and one for transmission)</i>
Housing Material	ABS+PC
Installation Type	35mm DIN-rail
Product Certification	CE

Product Model



Relay+RS485+buzzer+LED display

Additional Items

Cable Mounting Clip



3m /10' Lead-out cable



5m / 16' Detection cable
Four-wire, spiral



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.

Selection Table

LPDA2 - Indoor Water Leak Sensor - Positioning Type

Description	Technical parameters				
Power supply	9/36Vdc	1			
	24Vac	2			
Output signal	LCD + Relay + Alarm + RS485		9		
	3m / 10' lead-out cable			W4B3	
Detection cable	No cable				-
	5m / 16'				W4A5
	10m / 33'				W4A10
	15m / 49'				W4A15
	20m / 66'				W4A20
	25m / 82				W4A25
	30m / 90				W4A30
	up to 200m / 656'				W4A###
Customization	Special types, labelling etc				Z###

Additional items:

Extra mounting clips	LPDAC10	10 pcs
	LPDAC25	25 pcs