

# Positioning Water Immersion Controller | OM-LDA-DA601



The OM-LDA-DA601 is a precision positioning leak detector featuring an S-shaped housing with an integrated LED screen for local display and configuration. Designed with high-grade lightning protection, it ensures reliable operation in demanding environments. The detector includes 1 relay output with both normally open and normally closed contacts, 1 RS485 interface, and 1 Ethernet port for flexible connectivity and seamless integration with monitoring systems. An onboard buzzer provides audible alerts with one-click silence function for convenient on-site management. Break alarm detection capability enhances system security by immediately notifying of cable disconnection. Sensitivity is fully adjustable via software for customized application requirements. The black square housing measures 106.5 × 76.5 × 44 mm (excluding terminals), making it ideal for space-constrained installations requiring accurate leak detection and comprehensive monitoring capabilities.

## Specifications

Model	OM-LDA-DA601
Housing	Black square casing
Display	Integrated LED screen for local display and operation
Protection	High-grade lightning protection

## Interfaces

Relay	1 x relay output (normally open + normally closed contacts)
RS485	1 x RS485 communication interface
Ethernet	1 x Ethernet port

## Audio Alerts

Buzzer	Built-in audible alarm
Silence Function	One-key buzzer silence

## Detection Features

Leak Detection Type	Positioning leak detection
Break Alarm	Cable disconnection alert
Sensitivity	Software configurable

## Mechanical Specifications

Dimensions (W×D×H)	106.5 × 76.5 × 44 mm (excluding terminal)
Color	Black