

# FloodPump

Robust automatic sump pump system **designed for internal and external sumps**



**Automatic activation via conductive probes. No float switches. No mechanical seizure after dormancy. Reliable start-up every time – even after months without operation.**

Andel FloodPump is a robust, cost-effective, automatic pump system specifically designed for sumps. Unlike systems that rely on mechanical float switches – which can stick, jam or fail after long periods of inactivity – FloodPump uses conductive probes for dependable, repeatable operation.

With IP68-rated pump and control unit, it is ideal for external sumps in locations where reliable flood pumping is required.

## How it works

### Integrated sensor unit

Three stainless-steel probes detect water conductivity:

- Pump start probe
- Pump stop probe
- Common probe

When water bridges the common and start probes, the pump activates automatically. Once water falls below the stop probe, the pump switches off.

### Wall-mounted control unit

Installed indoors or outdoors, the unit:

- Monitors probe conductivity
- Automatically controls pump operation
- Features clear LED status indicators
  - Green: Power on
  - Red: Pump active

### Stainless-steel pump

- Typical flow rate: 140 litres per minute
- IP68 rated for installation in external sump
- Higher-capacity pump option available

## Proven engineering

FloodPump is developed from Andel's market-leading BundGuard® system – a proven, robust platform that has protected electrical distribution and oil storage sites across the UK and overseas for over 30 years.

## Benefits at a glance:

- Cost-effective, robust and reliable
- Designed specifically for sumps
- IP68-rated pump and control unit suitable for outdoor deployment
- Easy to install – power requires a standard 3-pin switched socket
- Low maintenance
- Provides round-the-clock sump monitoring with automatic pump activation
- Conductive probe sensor unit eliminates unreliable mechanical float switches
- Output relay for pump on/off signal for optional remote monitoring

## TECHNICAL INFORMATION

### CONTROL PANEL ENCLOSURE:

Construction: ABS, IP68 rated  
Dimensions: Width 160mm x Height 90mm x Depth 46mm  
Complete with 4 x 16mm, IP68 rated cable glands:  
Mains power, power to pump, power to probe, volt-free relay

### POWER SUPPLY AND FUSE RATINGS:

Mains 230VAC 50/60Hz  
3A rated fuse

### LED INDICATOR:

Pump running: Red LED  
Power on: Green LED

### PUMP SPECIFICATIONS:

Power: 550W  
Voltage: 220-240VAC/50Hz  
Construction: 304 stainless steel with mechanical shaft seal  
Dimensions: Height 320mm x Width 168mm  
Weight: 6kg  
Max Flow: 140 litres per minute  
Max Head: 8m  
Outlet: 1.25 inches BSP

### SENSOR UNIT:

3 x conductivity probes

### SYSTEM SUPPLIED WITH:

3A standard UK moulded 3-pin plug with 2 metres flex cable  
10 metres flex cable each for probe and pump  
Non-return valve  
Installation manual  
(Discharge hoses available on request)



Making water sustainable for a cleaner and safer environment.

**ANDEL**

