

3P RCPM Series

Time out / Leakage Detection Alarm

- **Visible and Audible Alarm**
- **Auto Pump Shut-off Option**
- **Adjustable Timer Settings**
- **BMS Output Option**
- **Works with Almost All Pumps**
- **Designed and Built in the UK**

Overview

The RCPM Series Display Panels provide a visual and audible alarm in the event of a pump run-time exceeding a pre-set limit, typically indicating a suspected leak or over-use due to an outlet being left open, faulty control system, or disconnected pipework.

As standard, the visual indicators include a green light indicating that the pump is live, and a red light with audible alarm indicating excessive run-time.

The panels can also be wired into some automatic pumps wherever it is possible to obtain a return live from the pump's common motor pole. In the case of automatic pumps by using this alarm it is possible to gain advance warning of unintended over-running due to poor installation, limiting the potential for damage to the pump itself.

Options available for outputs into Building Management Systems (BMS) and to auto-shut off the pump when the alarm is triggered.

Designed and built in the UK. With full UK based technical support, rapid spares availability, and spare parts supply from UK stocks.



Adjustable Timer Settings

The maximum time duration achievable is 24 hours, and minimum is 0.1 seconds.

We would generally recommend a setting of between 20 minutes and 2 hours depending on expected usage, although commercial and industrial installations may expect longer periods of continuous use and so require a longer delay.

Included Components

- Alarm Panel
- Attached mains cable
- Installation & Operation Manual

Not included:

- Wall/Panel fixings
- 4 core flex (only needed for automatic pumps with in-built pressure controller)

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Models

CODE	ALARM		BMS	PUMP AUTO SHUT-OFF
	LIGHT	BUZZER		
RCPM1	✓	✓		
RCPM1B	✓	✓	✓	
RCPM1BR	✓	✓	✓	✓
RCPM1R	✓	✓		✓

3P Technik UK Limited
Unit 9 Parc Teifi
Cardigan
SA43 1EW

Phone : 01239 623506

Fax : 0845 544 3150

sales@3ptechnik.co.uk

www.3ptechnik.co.uk

Technical Specifications

Control Unit

CONTROL UNIT			
Height	180mm		
Width	110mm		
Depth	90mm		
Time Delay	0 - 30sec		
Electrical Protection	Class 2		
Supply Voltage	230V _{AC}		
Operating Temp Range	0 - 40°C		
Material	Polystyrene		
Protection Class	IP65		
POWER CONSUMPTION	RCALM1	RCALM2	RCALM3
Standby	1.9w	3.8w	5.7w
Model	2.7w	5.4w	8.1w



OEM Solutions

3P RCPM Series alarms are supplied as a kit. It is offered only to professional installers and OEM partners who will commission the system before use to ensure the installation has been completed correctly and all accessories are functional.

We work with our customers to provide specific product bundles, with panel and software branded to your requirements. We also can provide, tanks, pressure vessels, pumps etc.

We provide full training, design and technical support, and will customise the product and accessories to your requirements, and full UK based support and spare parts availability.