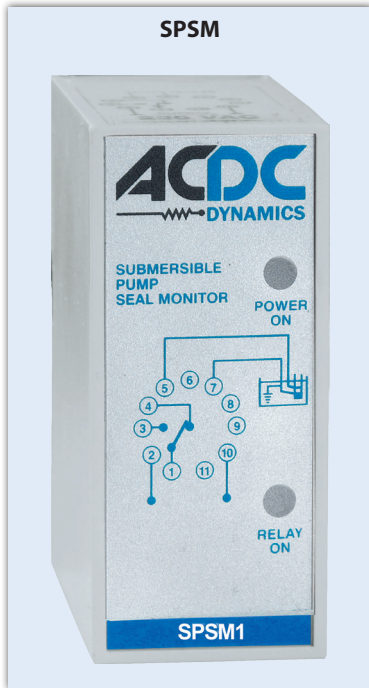


# SUBMERSIBLE PUMP SEAL MONITOR II-PIN PLUG-IN MODULES



## OVERVIEW

This module will give you many years of service and is guaranteed for 12 months against faulty workmanship and materials. In addition a full repair service is available through ACDC Dynamics branch.

## INSTALLATION

This module should be installed by a competent electrician in accordance with the relevant diagram. Read these instructions carefully to ensure that the functions / settings / control voltage are correct prior to switch on.

## FEATURES

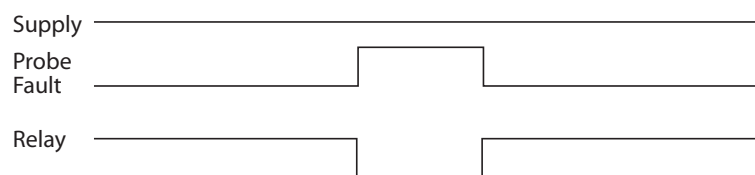
- Max voltage on probe: 24VDC
- Max probe current: 120µA (0.12mA)
- Power on LED: RED
- Seal good (relay) LED: GREEN
- DPDT available on request (5A/250VAC)

## Specifications

Ambient Temperature	-20°C to 70°C
Power Consumption AC	1.5VA
Power Consumption DC	100mA @ 12VDC
SPDT Relay	10A / 250VAC
Isolation Test Voltage	2kV

## OPERATION

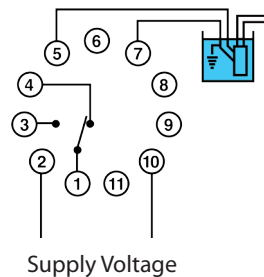
Protection of submersible motors against damage caused by ingress of water. Terminals 5 & 7 connect to the monitoring terminals on the submersible motor. The output relay energises upon application of power, power LED On, Relay LED On. The relay will de-energise if the probe current is more than 20µA or if the probe resistance is less than 1MΩ. Relay LED Off. The relay will energise if the probe current is less than 15µA or if the probe resistance is more than 1.4MΩ.



## Supply Voltages Available

AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC ±15%
DC Supply	12, 24, 48VDC

## Connection Diagram



## BRANCH CONTACT DETAILS

Johannesburg:	010 202 3300
Cape Town:	021 510 0710
Pinetown:	031 700 4215
Germiston:	011 418 9600
Riverhorse:	031 492 4800

## NATIONAL CALL CENTRE

Sales	010 202 3400
Technical	010 202 3500

[www.acdc.co.za](http://www.acdc.co.za)