

# Subsea Power Switch

- ROV operated subsea power switch
- Suitable for depths up to 4000 metres
- Non contact proximity switch
- 0 and 180 deg = off
- 90 and 270 deg = on
- Rated to 60vDC @ 3 amps



Power switch front view

The Subsea power switch comprises of a square mounting plate 300 x 300mm x 8mm thick, 316 s/s, with rotating switch bar [150 x 50 x 25mm], fitted with 2 permanent magnets.

When the switch is rotated to the on position the magnet aligns with the reed switch sensor in the st.st. housing behind the mounting plate. The reed switch activates a solid state relay, rated to 60vDC at 3 amps.

The st. st. housing is fitted with 2 x Subcon bulkhead connectors for power in and power out. The unit is supplied with a 3 metre cable harness with subcon connectors. The switch housing and connectors are rated to 4000 metres seawater.



Power switch rear view

The unit can be supplied with alternative connectors to the customers requirements.

## Specification - Subsea Power Switch

Power Rating	60 vDC @ 3 amps
Dimensions	Mounting plate - 300 x 300mm x 8mm thick,
Switch Bar	Switch bar - 150 x 50 x 25mm
Connectors	Subcon BH/MCBH or to customer requirement
Switch mechanism	Magnet operated reed switch with solid state relay
Depth Rating	4000 metres