



Product Description

This *Switch* allows you to turn a circuit on and off inside a [watertight enclosure](#) without needing to open it! Handling up to 5A of current and 120V, you can use it to directly operate low power circuits or interact with a microcontroller to provide input for the operation of your vehicle.

Like our cable penetrators this design has been tested to 200m water depth and is designed to handle significantly more.

Contents

- 1 x Switch Bolt
- 1 x Switch Dial
- 1 x Switch Nut
- 1 x Switch O-ring
- 2 x Switch Dial O-rings
- 1 x 30-3UL Button
- 1 x Dial Sticker
- 2 x Wire Leads

Resources

- [Documentation](#)
- [Specifications](#)
- [Dimensions](#)
- [30-3UL Datasheet](#)

Specification Table

For further information please see the [30-3UL Data Sheet](#).

Electrical

Operating Voltage	Up to 120 volts AC
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Operating Current	Up to 5 A
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Wire Size	22 AWG
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To Turn ON	Clockwise/Red
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To Turn OFF	Counter-clockwise/Gray
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Pressure



Electrical

Maximum Tested Depth (Saltwater) 660 ft 200 m

Maximum Pressure 290psi 2000 kPa

Physical

Overall Length 56 mm 2.2 in

Wire Length 155 mm 6.1 in

Thread Size M10x1.5 20 mm threaded

Recommended Through Hole Size 0.4 in 10-11 mm

Outer Diameter 0.71 in 18 mm

Maximum Wall Thickness 0.51 in 13 mm

Wrench Flats – 16 mm

Plug O-ring (2 used) – 2mm Wide, 6mm ID, Buna-N

Bolt O-ring (1 used) AS568-013, Buna-N

Mating Connector: [TE Connectivity AMP Connector on Digi-Key](#)

2D Drawing

